



Amendment No. 2  
to  
Contract No. MA 2400 GA180000014  
for  
Fiber Optic Cable  
between  
Vocom International Telecommunication, Inc.  
and the  
City of Austin

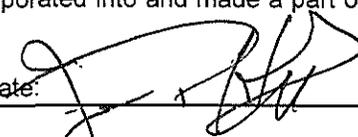
- 1.0 The City hereby exercises this extension option for the subject contract. This extension option will be effective December 04, 2019 to December 03, 2020. Two options will remain.
- 2.0 The City hereby corrects Amendment No. 1, Action Amount to no dollars (\$0.00) in accordance with Section 0400.12.A which states in part "...in no event shall the total amount of the contract be automatically adjusted as a result of the change in one or more line items made pursuant to this provision." The line item increase remains in effect.
- 3.0 The total contract amount is increased by \$53,925 by this extension period. The total contract authorization is recapped below:

Action	Action Amount	Total Contract Amount
Initial Term: 12/04/2017 – 12/03/2019	\$107,850.00	\$107,850.00
Amendment No. 1: Price increase (tariffs 25%) 05/07/2019	\$13,815.00	\$121,665.00
Amendment No. 2: 2.1 Rescind Amend. 1 (Action Amount only) 2.2 Option 1 – Extension 12/04/2019 – 12/03/2020	(\$13,815.00) <u>\$53,925.00</u> \$40,110.00	\$161,775.00

- 4.0 By signing this Amendment the Contractor certifies that the vendor and its principals are not currently suspended or debarred from doing business with the Federal Government, as indicated by the GSA List of Parties Excluded from Federal Procurement and Non-Procurement Programs, the State of Texas, or the City of Austin.
- 5.0 All other terms and conditions remain the same.

BY THE SIGNATURES affixed below, this amendment is hereby incorporated into and made a part of the above-referenced contract.

Sign/Date: 11/5/2019  
\_\_\_\_\_  
Printed Name: Gordon Liang  
Authorized Representative  
Vocom International Telecommunication, Inc.  
21700 East Copley Drive, Suite 268  
Diamond Bar, California 91765  
[davidwang@vocom.com](mailto:davidwang@vocom.com)  
703-581-8671

Sign/Date:  11/6/19  
\_\_\_\_\_  
Printed Name: Jim Howard  
Procurement Manager  
Austin Energy  
721 Barton Springs Road  
Austin, Texas 78704



Amendment No. 1  
of  
Contract No. MA 2400 GA180000014  
for  
Fiber Optic Cables  
between  
Vocom International Telecommunication, Inc.  
(Contractor)  
and the  
City of Austin, Texas

1.0 The above referenced contract is amended as follows:

- 1.1 48 strand armored fiber optic cable price increase from \$0.347/ft to \$0.436/ft.
- 1.2 96 strand armored fiber optic cable price increase from \$0.583/ft to \$0.732/ft

3.0 The total Contract amount is recapped below:

Term	Contract Amount for the Item	Total Contract Amount
Basic Term: 12/4/2017 – 12/3/2019	\$107,850	\$107,850
Amendment No. 1: Modify Section 0600 – Price Sheet	\$13,815	\$121,665

4.0 MBE/WBE goals were not established for this contract.

5.0 By signing this Amendment the Contractor certifies that the Contractor and its principals are not currently suspended or debarred from doing business with the Federal Government, as indicated by the General Services Administration (GSA) List of Parties Excluded from Federal Procurement and Non-Procurement Programs, the State of Texas, or the City of Austin.

5.0 ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.

BY THE SIGNATURE(S) affixed below, this Amendment is hereby incorporated and made a part of the above referenced contract.

**Authorized Representatives:**

Vocom International Telecommunication, Inc.



\_\_\_\_\_  
Signature

Gordon Liang

Printed Name of Authorized Person

Vice President

Title

Date: 05/06/2019

Vocom International Telecommunication, Inc.  
21700 E. Copley Dr, Suite 268  
Diamond Bar, CA 91765

City of Austin Purchasing Office



\_\_\_\_\_  
Signature

Daniel Dellemonache

Printed Name of Authorized Person

Procurement Specialist III

Title

Date: 5/7/19

City of Austin  
124 W. 8<sup>th</sup> St. Ste. 310  
Austin, TX 78701

**CONTRACT BETWEEN THE CITY OF AUSTIN ("City")  
AND  
VOCOM INTERNATIONAL TELECOMMUNICATION, INC. ("Contractor")  
FOR  
FIBER OPTIC CABLES  
MA 2400 GA180000014**

The City accepts the Contractor's Offer (as referenced in Section 1.1.3 below) for the above requirement and enters into the following Contract.

This Contract is between Vocom International Telecommunication, Inc. having offices at 21700 E. Copley Drive, Suite 268, Diamond Bar, CA 91765 and the City, a home-rule municipality incorporated by the State of Texas, and is effective as of the date executed by the City ("Effective Date").

Capitalized terms used but not defined herein have the meanings given them in Solicitation Number IFB 2400 ELL0052.

- 1.1 **This Contract is composed of the following documents:**
  - 1.1.1 This document
  - 1.1.2 The City's Solicitation, Invitation to Bid, ELL0052 including all documents incorporated by reference
  - 1.1.3 Vocom International Telecommunication, Inc. Offer, dated September 12, 2017, including subsequent clarifications
- 1.2 **Order of Precedence.** Any inconsistency or conflict in the Contract documents shall be resolved by giving precedence in the following order:
  - 1.2.1 This document
  - 1.2.2 The City's Solicitation as referenced in Section 1.1.2, including all documents incorporated by reference
  - 1.2.3 The Contractor's Offer as referenced in Section 1.1.3, including subsequent clarifications.
- 1.3 **Term of Contract.** The Contract will be in effect for an initial term of 24 months and may be extended thereafter for up to three (3) 12-month extension option(s), subject to the approval of the Contractor and the City Purchasing Officer or his designee. See the Term of Contract provision in Section 0400 for additional Contract requirements.
- 1.4 **Compensation.** The Contractor shall be paid a total Not-to-Exceed amount of \$107,850 for the initial Contract term and \$53,925 for each extension option as indicated in the Bid Sheet, IFB Section 0600. Payment shall be made upon successful completion of services or delivery of goods as outlined in each individual Delivery Order.
- 1.5 **Quantity of Work.** There is no guaranteed quantity of work for the period of the Contract and there are no minimum order quantities. Work will be on an as needed basis as specified by the City for each Delivery Order

This Contract (including any Exhibits) constitutes the entire agreement of the parties regarding the subject matter of this Contract and supersedes all prior and contemporaneous agreements and understandings, whether written or oral, relating to such subject matter. This Contract may be altered, amended, or modified only by a written instrument signed by the duly authorized representatives of both parties.

In witness whereof, the parties have caused a duly authorized representative to execute this Contract on the date set forth below.

**VOCOM INTERNATIONAL  
TELECOMMUNICATION, INC.**

**CITY OF AUSTIN**

GORDON LIANG  
Printed Name of Authorized Person

Erika Larsen  
Printed Name of Authorized Person

Gordon Liang  
Signature

Erika Larsen  
Signature

V.P.  
Title

Procurement Specialist II  
Title

12/01/2017  
Date

12/4/17  
Date



# City of Austin

## Purchasing Office

P.O. Box 1088, Austin, TX 78767

November 30, 2017

Vocom International Telecommunication, Inc.

David Wang

Managing Director

21700 E. Copley Drive, Suite 268

Diamond Bar, CA 91765

[davidwang@vocom.com](mailto:davidwang@vocom.com)

Dear Mr. Wang:

The City of Austin approved the execution of a contract with your company for Fiber Optic Cables in accordance with the referenced solicitation.

Responsible Department:	Transportation
Department Contact Person:	Ramon Aguilar
Department Contact Email Address:	<a href="mailto:Ramona.Aguilar@austintexas.gov">Ramona.Aguilar@austintexas.gov</a>
Department Contact Telephone:	(512) 974-7050
Project Name:	Fiber Optic Cables
Contractor Name:	Vocom International Telecommunication, Inc.
Contract Number:	MA 2400 GA180000014
Contract Period:	24 months
Dollar Amount	\$107,850
Extension Options:	Three 12-month extension options of \$53,925 each
Requisition Number:	RQM 2400 17071000631
Solicitation Type & Number:	IFB 2400 ELL0052

Thank you for your interest in doing business with the City of Austin. If you have any questions regarding this contract, please contact the person referenced under Department Contact Person.

Sincerely,

Erika Larsen  
Procurement Specialist II  
City of Austin  
Purchasing Office



**CITY OF AUSTIN, TEXAS**  
Purchasing Office  
**INVITATION FOR BID (IFB)**  
**OFFER SHEET**

**SOLICITATION NO:** ELL0052

**COMMODITY/SERVICE DESCRIPTION:** Fiber Optic Cables

**DATE ISSUED:** August 28, 2017

**REQUISITION NO.:** 17042100456

**BID DUE PRIOR TO:** 2:00 P.M. (CDT) Thursday September 14, 2017

**COMMODITY CODE:** 7252330, 72523300001

**FOR CONTRACTUAL AND TECHNICAL ISSUES CONTACT THE FOLLOWING AUTHORIZED CONTACT PERSON:**

**BID OPENING TIME AND DATE:** 3:00 P.M. (CDT) Thursday September 14, 2017

Erika Larsen  
Procurement Specialist II  
**Phone: (512) 974-3127**  
**E-Mail: [Erika.Larsen@austintexas.gov](mailto:Erika.Larsen@austintexas.gov)**

**LOCATION:** MUNICIPAL BUILDING, 124 W 8<sup>th</sup> STREET  
RM 308, AUSTIN, TEXAS 78701

Jonathan Dalchau  
Procurement Specialist IV  
**Phone: (512) 974-2938**  
**E-Mail: [Jonathan.Dalchau@austintexas.gov](mailto:Jonathan.Dalchau@austintexas.gov)**

**LIVE BID OPENING ONLINE:**  
For information on how to attend the Bid Opening online, please select this link:  
<http://www.austintexas.gov/department/bid-opening-webinars>

**When submitting a sealed Offer and/or Compliance Plan, use the proper address for the type of service desired, as shown below:**

Address for US Mail (Only)	Address for FedEx, UPS, Hand Delivery or Courier Service
City of Austin	City of Austin, Municipal Building
Purchasing Office-Response Enclosed for Solicitation # ELL0052	Purchasing Office-Response Enclosed for Solicitation # ELL0052
P.O. Box 1088	124 W 8 <sup>th</sup> Street, Rm 308
Austin, Texas 78767-8845	Austin, Texas 78701
	Reception Phone: (512) 974-2500

**NOTE: Offers must be received and time stamped in the Purchasing Office prior to the Due Date and Time. It is the responsibility of the Offeror to ensure that their Offer arrives at the receptionist's desk in the Purchasing Office prior to the time and date indicated. Arrival at the City's mailroom, mail terminal, or post office box will not constitute the Offer arriving on time. See Section 0200 for additional solicitation instructions.**

**All Offers (including Compliance Plans) that are not submitted in a sealed envelope or container will not be considered.**

The Vendor agrees, if this Offer is accepted within 120 calendar days after the Due Date, to fully comply in strict accordance with the Solicitation, specifications and provisions attached thereto for the amounts shown on the accompanying Offer.

**SUBMIT 1 ORIGINAL AND 1 ELECTRONIC COPY OF YOUR RESPONSE**

**\*\*\*SIGNATURE FOR SUBMITTAL REQUIRED ON PAGE 3 OF THIS DOCUMENT\*\*\***

**This solicitation is comprised of the following required sections. Please ensure to carefully read each section including those incorporated by reference. By signing this document, you are agreeing to all the items contained herein and will be bound to all terms.**

<b>SECTION NO.</b>	<b>TITLE</b>	<b>PAGES</b>
0100	STANDARD PURCHASE DEFINITIONS	*
0200	STANDARD SOLICITATION INSTRUCTIONS	*
0300	STANDARD PURCHASE TERMS AND CONDITIONS	*
0400	SUPPLEMENTAL PURCHASE PROVISIONS	7
0500	SPECIFICATION	5
0600	BID SHEET – Must be completed and returned with Offer	2
0605	LOCAL BUSINESS PRESENCE IDENTIFICATION FORM – Complete & return	2
0700	REFERENCE SHEET – Complete and return if required	1
0800	NON-DISCRIMINATION AND NON-RETALIATION CERTIFICATION–Complete and return	2
0805	NON-SUSPENSION OR DEBARMENT CERTIFICATION	*
0810	NON-COLLUSION, NON-CONFLICT OF INTEREST, AND ANTI-LOBBYING CERTIFICATION	*
0835	NONRESIDENT BIDDER PROVISIONS – Complete & return	1
0900	SUBCONTRACTING/SUB-CONSULTING UTILIZATION FORM – Complete & return	1
0905	SUBCONTRACTING/SUB-CONSULTING UTILIZATION PLAN – Complete and return if applicable	3

**\* Documents are hereby incorporated into this Solicitation by reference, with the same force and effect as if they were incorporated in full text. The full text versions of the \* Sections are available on the Internet at the following online address:**

[http://www.austintexas.gov/financeonline/vendor\\_connection/index.cfm#STANDARDBIDDOCUMENTS](http://www.austintexas.gov/financeonline/vendor_connection/index.cfm#STANDARDBIDDOCUMENTS)

**If you do not have access to the Internet, you may obtain a copy of these Sections from the City of Austin Purchasing Office located in the Municipal Building, 124 West 8<sup>th</sup> Street, Room #308 Austin, Texas 78701; phone (512) 974-2500. Please have the Solicitation number available so that the staff can select the proper documents. These documents can be mailed, expressed mailed, or faxed to you.**

### **INTERESTED PARTIES DISCLOSURE**

**In addition, Section 2252.908 of the Texas Government Code requires the successful offeror to complete a Form 1295 “Certificate of Interested Parties” that is signed and notarized for a contract award requiring council authorization. The “Certificate of Interested Parties” form must be completed on the Texas Ethics Commission website, printed, signed and submitted to the City by the authorized agent of the Business Entity with acknowledgment that disclosure is made under oath and under penalty of perjury prior to final contract execution.**

[https://www.ethics.state.tx.us/whatsnew/elf\\_info\\_form1295.htm](https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm)



**CITY OF AUSTIN  
PURCHASING OFFICE  
STANDARD PURCHASE TERMS AND CONDITIONS**

By submitting an Offer in response to the Solicitation, the Contractor agrees that the Contract shall be governed by the following terms and conditions. Unless otherwise specified in the Contract, Sections 3, 4, 5, 6, 7, 8, 20, 21, and 36 shall apply only to a Solicitation to purchase Goods, and Sections 9, 10, 11 and 22 shall apply only to a Solicitation to purchase Services to be performed principally at the City's premises or on public rights-of-way.

1. **CONTRACTOR'S OBLIGATIONS**. The Contractor shall fully and timely provide all Deliverables described in the Solicitation and in the Contractor's Offer in strict accordance with the terms, covenants, and conditions of the Contract and all applicable Federal, State, and local laws, rules, and regulations.
2. **EFFECTIVE DATE/TERM**. Unless otherwise specified in the Solicitation, this Contract shall be effective as of the date the contract is signed by the City, and shall continue in effect until all obligations are performed in accordance with the Contract.
3. **CONTRACTOR TO PACKAGE DELIVERABLES**: The Contractor will package Deliverables in accordance with good commercial practice and shall include a packing list showing the description of each item, the quantity and unit price. Unless otherwise provided in the Specifications or Supplemental Terms and Conditions, each shipping container shall be clearly and permanently marked as follows: (a) The Contractor's name and address, (b) the City's name, address and purchase order or purchase release number and the price agreement number if applicable, (c) Container number and total number of containers, e.g. box 1 of 4 boxes, and (d) the number of the container bearing the packing list. The Contractor shall bear cost of packaging. Deliverables shall be suitably packed to secure lowest transportation costs and to conform with requirements of common carriers and any applicable specifications. The City's count or weight shall be final and conclusive on shipments not accompanied by packing lists.
4. **SHIPMENT UNDER RESERVATION PROHIBITED**: The Contractor is not authorized to ship the Deliverables under reservation and no tender of a bill of lading will operate as a tender of Deliverables.
5. **TITLE & RISK OF LOSS**: Title to and risk of loss of the Deliverables shall pass to the City only when the City actually receives and accepts the Deliverables.
6. **DELIVERY TERMS AND TRANSPORTATION CHARGES**: Deliverables shall be shipped F.O.B. point of delivery unless otherwise specified in the Supplemental Terms and Conditions. Unless otherwise stated in the Offer, the Contractor's price shall be deemed to include all delivery and transportation charges. The City shall have the right to designate what method of transportation shall be used to ship the Deliverables. The place of delivery shall be that set forth in the block of the purchase order or purchase release entitled "Receiving Agency".
7. **RIGHT OF INSPECTION AND REJECTION**: The City expressly reserves all rights under law, including, but not limited to the Uniform Commercial Code, to inspect the Deliverables at delivery before accepting them, and to reject defective or non-conforming Deliverables. If the City has the right to inspect the Contractor's, or the Contractor's Subcontractor's, facilities, or the Deliverables at the Contractor's, or the Contractor's Subcontractor's, premises, the Contractor shall furnish, or cause to be furnished, without additional charge, all reasonable facilities and assistance to the City to facilitate such inspection.
8. **NO REPLACEMENT OF DEFECTIVE TENDER**: Every tender or delivery of Deliverables must fully comply with all provisions of the Contract as to time of delivery, quality, and quantity. Any non-complying tender shall constitute a breach and the Contractor shall not have the right to substitute a conforming tender; provided, where the time for performance has not yet expired, the Contractor may notify the City of the intention to cure and may then make a conforming tender within the time allotted in the contract.
9. **PLACE AND CONDITION OF WORK**: The City shall provide the Contractor access to the sites where the Contractor is to perform the services as required in order for the Contractor to perform the services in a timely and efficient manner, in accordance with and subject to the applicable security laws, rules, and regulations. The Contractor acknowledges that it has satisfied itself as to the nature of the City's service requirements and specifications, the location and essential characteristics of the work sites, the quality and quantity of materials, equipment, labor and facilities necessary to perform the services, and any other condition or state of fact which could in any way affect performance of the Contractor's obligations under the contract. The Contractor hereby releases and holds the City

**CITY OF AUSTIN  
PURCHASING OFFICE  
STANDARD PURCHASE TERMS AND CONDITIONS**

harmless from and against any liability or claim for damages of any kind or nature if the actual site or service conditions differ from expected conditions.

10. **WORKFORCE**

- A. The Contractor shall employ only orderly and competent workers, skilled in the performance of the services which they will perform under the Contract.
- B. The Contractor, its employees, subcontractors, and subcontractor's employees may not while engaged in participating or responding to a solicitation or while in the course and scope of delivering goods or services under a City of Austin contract or on the City's property .
  - i. use or possess a firearm, including a concealed handgun that is licensed under state law, except as required by the terms of the contract; or
  - ii. use or possess alcoholic or other intoxicating beverages, illegal drugs or controlled substances, nor may such workers be intoxicated, or under the influence of alcohol or drugs, on the job.
- C. If the City or the City's representative notifies the Contractor that any worker is incompetent, disorderly or disobedient, has knowingly or repeatedly violated safety regulations, has possessed any firearms, or has possessed or was under the influence of alcohol or drugs on the job, the Contractor shall immediately remove such worker from Contract services, and may not employ such worker again on Contract services without the City's prior written consent.

11. **COMPLIANCE WITH HEALTH, SAFETY, AND ENVIRONMENTAL REGULATIONS:** The Contractor, its Subcontractors, and their respective employees, shall comply fully with all applicable federal, state, and local health, safety, and environmental laws, ordinances, rules and regulations in the performance of the services, including but not limited to those promulgated by the City and by the Occupational Safety and Health Administration (OSHA). In case of conflict, the most stringent safety requirement shall govern. The Contractor shall indemnify and hold the City harmless from and against all claims, demands, suits, actions, judgments, fines, penalties and liability of every kind arising from the breach of the Contractor's obligations under this paragraph.

12. **INVOICES:**

- A. The Contractor shall submit separate invoices in duplicate on each purchase order or purchase release after each delivery. If partial shipments or deliveries are authorized by the City, a separate invoice must be sent for each shipment or delivery made.
- B. **Proper Invoices must include a unique invoice number, the purchase order or delivery order number and the master agreement number if applicable, the Department's Name, and the name of the point of contact for the Department.** Invoices shall be itemized and transportation charges, if any, shall be listed separately. A copy of the bill of lading and the freight waybill, when applicable, shall be attached to the invoice. The Contractor's name and, if applicable, the tax identification number on the invoice must exactly match the information in the Vendor's registration with the City. Unless otherwise instructed in writing, the City may rely on the remittance address specified on the Contractor's invoice.
- C. Invoices for labor shall include a copy of all time-sheets with trade labor rate and Deliverables order number clearly identified. Invoices shall also include a tabulation of work-hours at the appropriate rates and grouped by work order number. Time billed for labor shall be limited to hours actually worked at the work site.
- D. Unless otherwise expressly authorized in the Contract, the Contractor shall pass through all Subcontract and other authorized expenses at actual cost without markup.
- E. Federal excise taxes, State taxes, or City sales taxes must not be included in the invoiced amount. The City will furnish a tax exemption certificate upon request.

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PURCHASING OFFICE  
STANDARD PURCHASE TERMS AND CONDITIONS**

13. **PAYMENT:**

- A. All proper invoices received by the City will be paid within thirty (30) calendar days of the City's receipt of the Deliverables or of the invoice, whichever is later.
- B. **If payment is not timely made, (per paragraph A), interest shall accrue on the unpaid balance at the lesser of the rate specified in Texas Government Code Section 2251.025 or the maximum lawful rate; except, if payment is not timely made for a reason for which the City may withhold payment hereunder, interest shall not accrue until ten (10) calendar days after the grounds for withholding payment have been resolved.**
- C. If partial shipments or deliveries are authorized by the City, the Contractor will be paid for the partial shipment or delivery, as stated above, provided that the invoice matches the shipment or delivery.
- D. The City may withhold or set off the entire payment or part of any payment otherwise due the Contractor to such extent as may be necessary on account of:
  - i. delivery of defective or non-conforming Deliverables by the Contractor;
  - ii. third party claims, which are not covered by the insurance which the Contractor is required to provide, are filed or reasonable evidence indicating probable filing of such claims;
  - iii. failure of the Contractor to pay Subcontractors, or for labor, materials or equipment;
  - iv. damage to the property of the City or the City's agents, employees or contractors, which is not covered by insurance required to be provided by the Contractor;
  - v. reasonable evidence that the Contractor's obligations will not be completed within the time specified in the Contract, and that the unpaid balance would not be adequate to cover actual or liquidated damages for the anticipated delay;
  - vi. failure of the Contractor to submit proper invoices with all required attachments and supporting documentation; or
  - vii. failure of the Contractor to comply with any material provision of the Contract Documents.
- E. Notice is hereby given of Article VIII, Section 1 of the Austin City Charter which prohibits the payment of any money to any person, firm or corporation who is in arrears to the City for taxes, and of §2-8-3 of the Austin City Code concerning the right of the City to offset indebtedness owed the City.
- F. Payment will be made by check unless the parties mutually agree to payment by credit card or electronic transfer of funds. The Contractor agrees that there shall be no additional charges, surcharges, or penalties to the City for payments made by credit card or electronic funds transfer.
- G. The awarding or continuation of this contract is dependent upon the availability of funding. The City's payment obligations are payable only and solely from funds Appropriated and available for this contract. The absence of Appropriated or other lawfully available funds shall render the Contract null and void to the extent funds are not Appropriated or available and any Deliverables delivered but unpaid shall be returned to the Contractor. The City shall provide the Contractor written notice of the failure of the City to make an adequate Appropriation for any fiscal year to pay the amounts due under the Contract, or the reduction of any Appropriation to an amount insufficient to permit the City to pay its obligations under the Contract. In the event of non or inadequate appropriation of funds, there will be no penalty nor removal fees charged to the City.

14. **TRAVEL EXPENSES:** All travel, lodging and per diem expenses in connection with the Contract for which reimbursement may be claimed by the Contractor under the terms of the Solicitation will be reviewed against the City's Travel Policy as published and maintained by the City's Controller's Office and the Current United States General Services Administration Domestic Per Diem Rates (the "Rates") as published and maintained on the Internet at:

<http://www.gsa.gov/portal/category/21287>

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PURCHASING OFFICE  
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No amounts in excess of the Travel Policy or Rates shall be paid. All invoices must be accompanied by copies of detailed itemized receipts (e.g. hotel bills, airline tickets). No reimbursement will be made for expenses not actually incurred. Airline fares in excess of coach or economy will not be reimbursed. Mileage charges may not exceed the amount permitted as a deduction in any year under the Internal Revenue Code or Regulations.

**15. FINAL PAYMENT AND CLOSE-OUT:**

- A. If an MBE/WBE Program Compliance Plan is required by the Solicitation, and the Contractor has identified Subcontractors, the Contractor is required to submit a Contract Close-Out MBE/WBE Compliance Report to the Project manager or Contract manager no later than the 15th calendar day after completion of all work under the contract. Final payment, retainage, or both may be withheld if the Contractor is not in compliance with the requirements of the Compliance Plan as accepted by the City.
- B. The making and acceptance of final payment will constitute:
  - i. a waiver of all claims by the City against the Contractor, except claims (1) which have been previously asserted in writing and not yet settled, (2) arising from defective work appearing after final inspection, (3) arising from failure of the Contractor to comply with the Contract or the terms of any warranty specified herein, (4) arising from the Contractor's continuing obligations under the Contract, including but not limited to indemnity and warranty obligations, or (5) arising under the City's right to audit; and
  - ii. a waiver of all claims by the Contractor against the City other than those previously asserted in writing and not yet settled.

**16. SPECIAL TOOLS & TEST EQUIPMENT:** If the price stated on the Offer includes the cost of any special tooling or special test equipment fabricated or required by the Contractor for the purpose of filling this order, such special tooling equipment and any process sheets related thereto shall become the property of the City and shall be identified by the Contractor as such.

**17. AUDITS and RECORDS:**

- A. The Contractor agrees that the representatives of the Office of the City Auditor or other authorized representatives of the City shall have access to, and the right to audit, examine, or reproduce, any and all records of the Contractor related to the performance under this Contract. The Contractor shall retain all such records for a period of three (3) years after final payment on this Contract or until all audit and litigation matters that the City has brought to the attention of the Contractor are resolved, whichever is longer. The Contractor agrees to refund to the City any overpayments disclosed by any such audit.
- B. Records Retention:
  - i. Contractor is subject to City Code chapter 2-11 (Records Management), and as it may subsequently be amended. For purposes of this subsection, a Record means all books, accounts, reports, files, and other data recorded or created by a Contractor in fulfillment of the Contract whether in digital or physical format, except a record specifically relating to the Contractor's internal administration.
  - ii. All Records are the property of the City. The Contractor may not dispose of or destroy a Record without City authorization and shall deliver the Records, in all requested formats and media, along with all finding aids and metadata, to the City at no cost when requested by the City
  - iii. The Contractor shall retain all Records for a period of three (3) years after final payment on this Contract or until all audit and litigation matters that the City has brought to the attention of the Contractor are resolved, whichever is longer.
- C. The Contractor shall include sections A and B above in all subcontractor agreements entered into in connection with this Contract.

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STANDARD PURCHASE TERMS AND CONDITIONS**

**18. SUBCONTRACTORS:**

- A. If the Contractor identified Subcontractors in an MBE/WBE Program Compliance Plan or a No Goals Utilization Plan the Contractor shall comply with the provisions of Chapters 2-9A, 2-9B, 2-9C, and 2-9D, as applicable, of the Austin City Code and the terms of the Compliance Plan or Utilization Plan as approved by the City (the "Plan"). The Contractor shall not initially employ any Subcontractor except as provided in the Contractor's Plan. The Contractor shall not substitute any Subcontractor identified in the Plan, unless the substitute has been accepted by the City in writing in accordance with the provisions of Chapters 2-9A, 2-9B, 2-9C and 2-9D, as applicable. No acceptance by the City of any Subcontractor shall constitute a waiver of any rights or remedies of the City with respect to defective Deliverables provided by a Subcontractor. If a Plan has been approved, the Contractor is additionally required to submit a monthly Subcontract Awards and Expenditures Report to the Contract Manager and the Purchasing Office Contract Compliance Manager no later than the tenth calendar day of each month.
- B. Work performed for the Contractor by a Subcontractor shall be pursuant to a written contract between the Contractor and Subcontractor. The terms of the subcontract may not conflict with the terms of the Contract, and shall contain provisions that:
  - i. require that all Deliverables to be provided by the Subcontractor be provided in strict accordance with the provisions, specifications and terms of the Contract;
  - ii. prohibit the Subcontractor from further subcontracting any portion of the Contract without the prior written consent of the City and the Contractor. The City may require, as a condition to such further subcontracting, that the Subcontractor post a payment bond in form, substance and amount acceptable to the City;
  - iii. require Subcontractors to submit all invoices and applications for payments, including any claims for additional payments, damages or otherwise, to the Contractor in sufficient time to enable the Contractor to include same with its invoice or application for payment to the City in accordance with the terms of the Contract;
  - iv. require that all Subcontractors obtain and maintain, throughout the term of their contract, insurance in the type and amounts specified for the Contractor, with the City being a named insured as its interest shall appear; and
  - v. require that the Subcontractor indemnify and hold the City harmless to the same extent as the Contractor is required to indemnify the City.
- C. The Contractor shall be fully responsible to the City for all acts and omissions of the Subcontractors just as the Contractor is responsible for the Contractor's own acts and omissions. Nothing in the Contract shall create for the benefit of any such Subcontractor any contractual relationship between the City and any such Subcontractor, nor shall it create any obligation on the part of the City to pay or to see to the payment of any moneys due any such Subcontractor except as may otherwise be required by law.
- D. The Contractor shall pay each Subcontractor its appropriate share of payments made to the Contractor not later than ten (10) calendar days after receipt of payment from the City.

**19. WARRANTY-PRICE:**

- A. The Contractor warrants the prices quoted in the Offer are no higher than the Contractor's current prices on orders by others for like Deliverables under similar terms of purchase.
- B. The Contractor certifies that the prices in the Offer have been arrived at independently without consultation, communication, or agreement for the purpose of restricting competition, as to any matter relating to such fees with any other firm or with any competitor.
- C. In addition to any other remedy available, the City may deduct from any amounts owed to the Contractor, or otherwise recover, any amounts paid for items in excess of the Contractor's current prices on orders by others for like Deliverables under similar terms of purchase.

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20. **WARRANTY – TITLE:** The Contractor warrants that it has good and indefeasible title to all Deliverables furnished under the Contract, and that the Deliverables are free and clear of all liens, claims, security interests and encumbrances. The Contractor shall indemnify and hold the City harmless from and against all adverse title claims to the Deliverables.
21. **WARRANTY – DELIVERABLES:** The Contractor warrants and represents that all Deliverables sold the City under the Contract shall be free from defects in design, workmanship or manufacture, and conform in all material respects to the specifications, drawings, and descriptions in the Solicitation, to any samples furnished by the Contractor, to the terms, covenants and conditions of the Contract, and to all applicable State, Federal or local laws, rules, and regulations, and industry codes and standards. Unless otherwise stated in the Solicitation, the Deliverables shall be new or recycled merchandise, and not used or reconditioned.
- A. Recycled Deliverables shall be clearly identified as such.
  - B. The Contractor may not limit, exclude or disclaim the foregoing warranty or any warranty implied by law; and any attempt to do so shall be without force or effect.
  - C. Unless otherwise specified in the Contract, the warranty period shall be at least one year from the date of acceptance of the Deliverables or from the date of acceptance of any replacement Deliverables. If during the warranty period, one or more of the above warranties are breached, the Contractor shall promptly upon receipt of demand either repair the non-conforming Deliverables, or replace the non-conforming Deliverables with fully conforming Deliverables, at the City's option and at no additional cost to the City. All costs incidental to such repair or replacement, including but not limited to, any packaging and shipping costs, shall be borne exclusively by the Contractor. The City shall endeavor to give the Contractor written notice of the breach of warranty within thirty (30) calendar days of discovery of the breach of warranty, but failure to give timely notice shall not impair the City's rights under this section.
  - D. If the Contractor is unable or unwilling to repair or replace defective or non-conforming Deliverables as required by the City, then in addition to any other available remedy, the City may reduce the quantity of Deliverables it may be required to purchase under the Contract from the Contractor, and purchase conforming Deliverables from other sources. In such event, the Contractor shall pay to the City upon demand the increased cost, if any, incurred by the City to procure such Deliverables from another source.
  - E. If the Contractor is not the manufacturer, and the Deliverables are covered by a separate manufacturer's warranty, the Contractor shall transfer and assign such manufacturer's warranty to the City. If for any reason the manufacturer's warranty cannot be fully transferred to the City, the Contractor shall assist and cooperate with the City to the fullest extent to enforce such manufacturer's warranty for the benefit of the City.
22. **WARRANTY – SERVICES:** The Contractor warrants and represents that all services to be provided the City under the Contract will be fully and timely performed in a good and workmanlike manner in accordance with generally accepted industry standards and practices, the terms, conditions, and covenants of the Contract, and all applicable Federal, State and local laws, rules or regulations.
- A. The Contractor may not limit, exclude or disclaim the foregoing warranty or any warranty implied by law, and any attempt to do so shall be without force or effect.
  - B. Unless otherwise specified in the Contract, the warranty period shall be at least one year from the Acceptance Date. If during the warranty period, one or more of the above warranties are breached, the Contractor shall promptly upon receipt of demand perform the services again in accordance with above standard at no additional cost to the City. All costs incidental to such additional performance shall be borne by the Contractor. The City shall endeavor to give the Contractor written notice of the breach of warranty within thirty (30) calendar days of discovery of the breach warranty, but failure to give timely notice shall not impair the City's rights under this section.
  - C. If the Contractor is unable or unwilling to perform its services in accordance with the above standard as required by the City, then in addition to any other available remedy, the City may reduce the amount of services it may be

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required to purchase under the Contract from the Contractor, and purchase conforming services from other sources. In such event, the Contractor shall pay to the City upon demand the increased cost, if any, incurred by the City to procure such services from another source.

23. **ACCEPTANCE OF INCOMPLETE OR NON-CONFORMING DELIVERABLES:** If, instead of requiring immediate correction or removal and replacement of defective or non-conforming Deliverables, the City prefers to accept it, the City may do so. The Contractor shall pay all claims, costs, losses and damages attributable to the City's evaluation of and determination to accept such defective or non-conforming Deliverables. If any such acceptance occurs prior to final payment, the City may deduct such amounts as are necessary to compensate the City for the diminished value of the defective or non-conforming Deliverables. If the acceptance occurs after final payment, such amount will be refunded to the City by the Contractor.
24. **RIGHT TO ASSURANCE:** Whenever one party to the Contract in good faith has reason to question the other party's intent to perform, demand may be made to the other party for written assurance of the intent to perform. In the event that no assurance is given within the time specified after demand is made, the demanding party may treat this failure as an anticipatory repudiation of the Contract.
25. **STOP WORK NOTICE:** The City may issue an immediate Stop Work Notice in the event the Contractor is observed performing in a manner that is in violation of Federal, State, or local guidelines, or in a manner that is determined by the City to be unsafe to either life or property. Upon notification, the Contractor will cease all work until notified by the City that the violation or unsafe condition has been corrected. The Contractor shall be liable for all costs incurred by the City as a result of the issuance of such Stop Work Notice.
26. **DEFAULT:** The Contractor shall be in default under the Contract if the Contractor (a) fails to fully, timely and faithfully perform any of its material obligations under the Contract, (b) fails to provide adequate assurance of performance under Paragraph 24, (c) becomes insolvent or seeks relief under the bankruptcy laws of the United States or (d) makes a material misrepresentation in Contractor's Offer, or in any report or deliverable required to be submitted by the Contractor to the City.
27. **TERMINATION FOR CAUSE:** In the event of a default by the Contractor, the City shall have the right to terminate the Contract for cause, by written notice effective ten (10) calendar days, unless otherwise specified, after the date of such notice, unless the Contractor, within such ten (10) day period, cures such default, or provides evidence sufficient to prove to the City's reasonable satisfaction that such default does not, in fact, exist. The City may place Contractor on probation for a specified period of time within which the Contractor must correct any non-compliance issues. Probation shall not normally be for a period of more than nine (9) months, however, it may be for a longer period, not to exceed one (1) year depending on the circumstances. If the City determines the Contractor has failed to perform satisfactorily during the probation period, the City may proceed with suspension. In the event of a default by the Contractor, the City may suspend or debar the Contractor in accordance with the "City of Austin Purchasing Office Probation, Suspension and Debarment Rules for Vendors" and remove the Contractor from the City's vendor list for up to five (5) years and any Offer submitted by the Contractor may be disqualified for up to five (5) years. In addition to any other remedy available under law or in equity, the City shall be entitled to recover all actual damages, costs, losses and expenses, incurred by the City as a result of the Contractor's default, including, without limitation, cost of cover, reasonable attorneys' fees, court costs, and prejudgment and post-judgment interest at the maximum lawful rate. All rights and remedies under the Contract are cumulative and are not exclusive of any other right or remedy provided by law.
28. **TERMINATION WITHOUT CAUSE:** The City shall have the right to terminate the Contract, in whole or in part, without cause any time upon thirty (30) calendar days' prior written notice. Upon receipt of a notice of termination, the Contractor shall promptly cease all further work pursuant to the Contract, with such exceptions, if any, specified in the notice of termination. The City shall pay the Contractor, to the extent of funds Appropriated or otherwise legally available for such purposes, for all goods delivered and services performed and obligations incurred prior to the date of termination in accordance with the terms hereof.
29. **FRAUD:** Fraudulent statements by the Contractor on any Offer or in any report or deliverable required to be submitted by the Contractor to the City shall be grounds for the termination of the Contract for cause by the City and may result in legal action.

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30. **DELAYS:**

- A. The City may delay scheduled delivery or other due dates by written notice to the Contractor if the City deems it is in its best interest. If such delay causes an increase in the cost of the work under the Contract, the City and the Contractor shall negotiate an equitable adjustment for costs incurred by the Contractor in the Contract price and execute an amendment to the Contract. The Contractor must assert its right to an adjustment within thirty (30) calendar days from the date of receipt of the notice of delay. Failure to agree on any adjusted price shall be handled under the Dispute Resolution process specified in paragraph 48. However, nothing in this provision shall excuse the Contractor from delaying the delivery as notified.
- B. Neither party shall be liable for any default or delay in the performance of its obligations under this Contract if, while and to the extent such default or delay is caused by acts of God, fire, riots, civil commotion, labor disruptions, sabotage, sovereign conduct, or any other cause beyond the reasonable control of such Party. In the event of default or delay in contract performance due to any of the foregoing causes, then the time for completion of the services will be extended; provided, however, in such an event, a conference will be held within three (3) business days to establish a mutually agreeable period of time reasonably necessary to overcome the effect of such failure to perform.

31. **INDEMNITY:**

- A. Definitions:
  - i. "Indemnified Claims" shall include any and all claims, demands, suits, causes of action, judgments and liability of every character, type or description, including all reasonable costs and expenses of litigation, mediation or other alternate dispute resolution mechanism, including attorney and other professional fees for:
    - (1) damage to or loss of the property of any person (including, but not limited to the City, the Contractor, their respective agents, officers, employees and subcontractors; the officers, agents, and employees of such subcontractors; and third parties); and/or
    - (2) death, bodily injury, illness, disease, worker's compensation, loss of services, or loss of income or wages to any person (including but not limited to the agents, officers and employees of the City, the Contractor, the Contractor's subcontractors, and third parties),
  - ii. "Fault" shall include the sale of defective or non-conforming Deliverables, negligence, willful misconduct, or a breach of any legally imposed strict liability standard.
- B. **THE CONTRACTOR SHALL DEFEND (AT THE OPTION OF THE CITY), INDEMNIFY, AND HOLD THE CITY, ITS SUCCESSORS, ASSIGNS, OFFICERS, EMPLOYEES AND ELECTED OFFICIALS HARMLESS FROM AND AGAINST ALL INDEMNIFIED CLAIMS DIRECTLY ARISING OUT OF, INCIDENT TO, CONCERNING OR RESULTING FROM THE FAULT OF THE CONTRACTOR, OR THE CONTRACTOR'S AGENTS, EMPLOYEES OR SUBCONTRACTORS, IN THE PERFORMANCE OF THE CONTRACTOR'S OBLIGATIONS UNDER THE CONTRACT. NOTHING HEREIN SHALL BE DEEMED TO LIMIT THE RIGHTS OF THE CITY OR THE CONTRACTOR (INCLUDING, BUT NOT LIMITED TO, THE RIGHT TO SEEK CONTRIBUTION) AGAINST ANY THIRD PARTY WHO MAY BE LIABLE FOR AN INDEMNIFIED CLAIM.**

32. **INSURANCE:** (reference Section 0400 for specific coverage requirements). The following insurance requirement applies. (Revised March 2013).

- A. **General Requirements.**
  - i. The Contractor shall at a minimum carry insurance in the types and amounts indicated in Section 0400, Supplemental Purchase Provisions, for the duration of the Contract, including extension options and hold over periods, and during any warranty period.
  - ii. The Contractor shall provide Certificates of Insurance with the coverages and endorsements required in Section 0400, Supplemental Purchase Provisions, to the City as verification of coverage prior to contract execution and within fourteen (14) calendar days after written request from the

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City. Failure to provide the required Certificate of Insurance may subject the Offer to disqualification from consideration for award. The Contractor must also forward a Certificate of Insurance to the City whenever a previously identified policy period has expired, or an extension option or hold over period is exercised, as verification of continuing coverage.

- iii. The Contractor shall not commence work until the required insurance is obtained and until such insurance has been reviewed by the City. Approval of insurance by the City shall not relieve or decrease the liability of the Contractor hereunder and shall not be construed to be a limitation of liability on the part of the Contractor.
- iv. The City may request that the Contractor submit certificates of insurance to the City for all subcontractors prior to the subcontractors commencing work on the project.
- v. The Contractor's and all subcontractors' insurance coverage shall be written by companies licensed to do business in the State of Texas at the time the policies are issued and shall be written by companies with A.M. Best ratings of B+VII or better.
- vi. The "other" insurance clause shall not apply to the City where the City is an additional insured shown on any policy. It is intended that policies required in the Contract, covering both the City and the Contractor, shall be considered primary coverage as applicable.
- vii. If insurance policies are not written for amounts specified in Section 0400, Supplemental Purchase Provisions, the Contractor shall carry Umbrella or Excess Liability Insurance for any differences in amounts specified. If Excess Liability Insurance is provided, it shall follow the form of the primary coverage.
- viii. The City shall be entitled, upon request, at an agreed upon location, and without expense, to review certified copies of policies and endorsements thereto and may make any reasonable requests for deletion or revision or modification of particular policy terms, conditions, limitations, or exclusions except where policy provisions are established by law or regulations binding upon either of the parties hereto or the underwriter on any such policies.
- ix. The City reserves the right to review the insurance requirements set forth during the effective period of the Contract and to make reasonable adjustments to insurance coverage, limits, and exclusions when deemed necessary and prudent by the City based upon changes in statutory law, court decisions, the claims history of the industry or financial condition of the insurance company as well as the Contractor.
- x. The Contractor shall not cause any insurance to be canceled nor permit any insurance to lapse during the term of the Contract or as required in the Contract.
- xi. The Contractor shall be responsible for premiums, deductibles and self-insured retentions, if any, stated in policies. Self-insured retentions shall be disclosed on the Certificate of Insurance.
- xii. The Contractor shall provide the City thirty (30) calendar days' written notice of erosion of the aggregate limits below occurrence limits for all applicable coverages indicated within the Contract.
- xiii. The insurance coverages specified in Section 0400, Supplemental Purchase Provisions, are required minimums and are not intended to limit the responsibility or liability of the Contractor.

**B. Specific Coverage Requirements: Specific insurance requirements are contained in Section 0400, Supplemental Purchase Provisions**

33. **CLAIMS:** If any claim, demand, suit, or other action is asserted against the Contractor which arises under or concerns the Contract, or which could have a material adverse affect on the Contractor's ability to perform thereunder, the Contractor shall give written notice thereof to the City within ten (10) calendar days after receipt of notice by the

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Contractor. Such notice to the City shall state the date of notification of any such claim, demand, suit, or other action; the names and addresses of the claimant(s); the basis thereof; and the name of each person against whom such claim is being asserted. Such notice shall be delivered personally or by mail and shall be sent to the City and to the Austin City Attorney. Personal delivery to the City Attorney shall be to City Hall, 301 West 2<sup>nd</sup> Street, 4<sup>th</sup> Floor, Austin, Texas 78701, and mail delivery shall be to P.O. Box 1088, Austin, Texas 78767.

34. **NOTICES:** Unless otherwise specified, all notices, requests, or other communications required or appropriate to be given under the Contract shall be in writing and shall be deemed delivered three (3) business days after postmarked if sent by U.S. Postal Service Certified or Registered Mail, Return Receipt Requested. Notices delivered by other means shall be deemed delivered upon receipt by the addressee. Routine communications may be made by first class mail, telefax, or other commercially accepted means. Notices to the Contractor shall be sent to the address specified in the Contractor's Offer, or at such other address as a party may notify the other in writing. Notices to the City shall be addressed to the City at P.O. Box 1088, Austin, Texas 78767 and marked to the attention of the Contract Administrator.
35. **RIGHTS TO BID, PROPOSAL AND CONTRACTUAL MATERIAL:** All material submitted by the Contractor to the City shall become property of the City upon receipt. Any portions of such material claimed by the Contractor to be proprietary must be clearly marked as such. Determination of the public nature of the material is subject to the Texas Public Information Act, Chapter 552, Texas Government Code.
36. **NO WARRANTY BY CITY AGAINST INFRINGEMENTS:** The Contractor represents and warrants to the City that: (i) the Contractor shall provide the City good and indefeasible title to the Deliverables and (ii) the Deliverables supplied by the Contractor in accordance with the specifications in the Contract will not infringe, directly or contributorily, any patent, trademark, copyright, trade secret, or any other intellectual property right of any kind of any third party; that no claims have been made by any person or entity with respect to the ownership or operation of the Deliverables and the Contractor does not know of any valid basis for any such claims. The Contractor shall, at its sole expense, defend, indemnify, and hold the City harmless from and against all liability, damages, and costs (including court costs and reasonable fees of attorneys and other professionals) arising out of or resulting from: (i) any claim that the City's exercise anywhere in the world of the rights associated with the City's ownership, and if applicable, license rights, and its use of the Deliverables infringes the intellectual property rights of any third party; or (ii) the Contractor's breach of any of Contractor's representations or warranties stated in this Contract. In the event of any such claim, the City shall have the right to monitor such claim or at its option engage its own separate counsel to act as co-counsel on the City's behalf. Further, Contractor agrees that the City's specifications regarding the Deliverables shall in no way diminish Contractor's warranties or obligations under this paragraph and the City makes no warranty that the production, development, or delivery of such Deliverables will not impact such warranties of Contractor.
37. **CONFIDENTIALITY:** In order to provide the Deliverables to the City, Contractor may require access to certain of the City's and/or its licensors' confidential information (including inventions, employee information, trade secrets, confidential know-how, confidential business information, and other information which the City or its licensors consider confidential) (collectively, "Confidential Information"). Contractor acknowledges and agrees that the Confidential Information is the valuable property of the City and/or its licensors and any unauthorized use, disclosure, dissemination, or other release of the Confidential Information will substantially injure the City and/or its licensors. The Contractor (including its employees, subcontractors, agents, or representatives) agrees that it will maintain the Confidential Information in strict confidence and shall not disclose, disseminate, copy, divulge, recreate, or otherwise use the Confidential Information without the prior written consent of the City or in a manner not expressly permitted under this Agreement, unless the Confidential Information is required to be disclosed by law or an order of any court or other governmental authority with proper jurisdiction, provided the Contractor promptly notifies the City before disclosing such information so as to permit the City reasonable time to seek an appropriate protective order. The Contractor agrees to use protective measures no less stringent than the Contractor uses within its own business to protect its own most valuable information, which protective measures shall under all circumstances be at least reasonable measures to ensure the continued confidentiality of the Confidential Information.
38. **PUBLICATIONS:** All published material and written reports submitted under the Contract must be originally developed material unless otherwise specifically provided in the Contract. When material not originally developed is included in a report in any form, the source shall be identified.

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39. **ADVERTISING**: The Contractor shall not advertise or publish, without the City's prior consent, the fact that the City has entered into the Contract, except to the extent required by law.
40. **NO CONTINGENT FEES**: The Contractor warrants that no person or selling agency has been employed or retained to solicit or secure the Contract upon any agreement or understanding for commission, percentage, brokerage, or contingent fee, excepting bona fide employees of bona fide established commercial or selling agencies maintained by the Contractor for the purpose of securing business. For breach or violation of this warranty, the City shall have the right, in addition to any other remedy available, to cancel the Contract without liability and to deduct from any amounts owed to the Contractor, or otherwise recover, the full amount of such commission, percentage, brokerage or contingent fee.
41. **GRATUITIES**: The City may, by written notice to the Contractor, cancel the Contract without liability if it is determined by the City that gratuities were offered or given by the Contractor or any agent or representative of the Contractor to any officer or employee of the City of Austin with a view toward securing the Contract or securing favorable treatment with respect to the awarding or amending or the making of any determinations with respect to the performing of such contract. In the event the Contract is canceled by the City pursuant to this provision, the City shall be entitled, in addition to any other rights and remedies, to recover or withhold the amount of the cost incurred by the Contractor in providing such gratuities.
42. **PROHIBITION AGAINST PERSONAL INTEREST IN CONTRACTS**: No officer, employee, independent consultant, or elected official of the City who is involved in the development, evaluation, or decision-making process of the performance of any solicitation shall have a financial interest, direct or indirect, in the Contract resulting from that solicitation. Any willful violation of this section shall constitute impropriety in office, and any officer or employee guilty thereof shall be subject to disciplinary action up to and including dismissal. Any violation of this provision, with the knowledge, expressed or implied, of the Contractor shall render the Contract voidable by the City.
43. **INDEPENDENT CONTRACTOR**: The Contract shall not be construed as creating an employer/employee relationship, a partnership, or a joint venture. The Contractor's services shall be those of an independent contractor. The Contractor agrees and understands that the Contract does not grant any rights or privileges established for employees of the City.
44. **ASSIGNMENT-DELEGATION**: The Contract shall be binding upon and enure to the benefit of the City and the Contractor and their respective successors and assigns, provided however, that no right or interest in the Contract shall be assigned and no obligation shall be delegated by the Contractor without the prior written consent of the City. Any attempted assignment or delegation by the Contractor shall be void unless made in conformity with this paragraph. The Contract is not intended to confer rights or benefits on any person, firm or entity not a party hereto; it being the intention of the parties that there be no third party beneficiaries to the Contract.
45. **WAIVER**: No claim or right arising out of a breach of the Contract can be discharged in whole or in part by a waiver or renunciation of the claim or right unless the waiver or renunciation is supported by consideration and is in writing signed by the aggrieved party. No waiver by either the Contractor or the City of any one or more events of default by the other party shall operate as, or be construed to be, a permanent waiver of any rights or obligations under the Contract, or an express or implied acceptance of any other existing or future default or defaults, whether of a similar or different character.
46. **MODIFICATIONS**: The Contract can be modified or amended only by a writing signed by both parties. No pre-printed or similar terms on any the Contractor invoice, order or other document shall have any force or effect to change the terms, covenants, and conditions of the Contract.
47. **INTERPRETATION**: The Contract is intended by the parties as a final, complete and exclusive statement of the terms of their agreement. No course of prior dealing between the parties or course of performance or usage of the trade shall be relevant to supplement or explain any term used in the Contract. Although the Contract may have been substantially drafted by one party, it is the intent of the parties that all provisions be construed in a manner to be fair to both parties, reading no provisions more strictly against one party or the other. Whenever a term defined by the Uniform Commercial Code, as enacted by the State of Texas, is used in the Contract, the UCC definition shall control, unless otherwise defined in the Contract.

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**48. DISPUTE RESOLUTION:**

- A. If a dispute arises out of or relates to the Contract, or the breach thereof, the parties agree to negotiate prior to prosecuting a suit for damages. However, this section does not prohibit the filing of a lawsuit to toll the running of a statute of limitations or to seek injunctive relief. Either party may make a written request for a meeting between representatives of each party within fourteen (14) calendar days after receipt of the request or such later period as agreed by the parties. Each party shall include, at a minimum, one (1) senior level individual with decision-making authority regarding the dispute. The purpose of this and any subsequent meeting is to attempt in good faith to negotiate a resolution of the dispute. If, within thirty (30) calendar days after such meeting, the parties have not succeeded in negotiating a resolution of the dispute, they will proceed directly to mediation as described below. Negotiation may be waived by a written agreement signed by both parties, in which event the parties may proceed directly to mediation as described below.
- B. If the efforts to resolve the dispute through negotiation fail, or the parties waive the negotiation process, the parties may select, within thirty (30) calendar days, a mediator trained in mediation skills to assist with resolution of the dispute. Should they choose this option, the City and the Contractor agree to act in good faith in the selection of the mediator and to give consideration to qualified individuals nominated to act as mediator. Nothing in the Contract prevents the parties from relying on the skills of a person who is trained in the subject matter of the dispute or a contract interpretation expert. If the parties fail to agree on a mediator within thirty (30) calendar days of initiation of the mediation process, the mediator shall be selected by the Travis County Dispute Resolution Center (DRC). The parties agree to participate in mediation in good faith for up to thirty (30) calendar days from the date of the first mediation session. The City and the Contractor will share the mediator's fees equally and the parties will bear their own costs of participation such as fees for any consultants or attorneys they may utilize to represent them or otherwise assist them in the mediation.

**49. JURISDICTION AND VENUE:** The Contract is made under and shall be governed by the laws of the State of Texas, including, when applicable, the Uniform Commercial Code as adopted in Texas, V.T.C.A., Bus. & Comm. Code, Chapter 1, excluding any rule or principle that would refer to and apply the substantive law of another state or jurisdiction. All issues arising from this Contract shall be resolved in the courts of Travis County, Texas and the parties agree to submit to the exclusive personal jurisdiction of such courts. The foregoing, however, shall not be construed or interpreted to limit or restrict the right or ability of the City to seek and secure injunctive relief from any competent authority as contemplated herein.

**50. INVALIDITY:** The invalidity, illegality, or unenforceability of any provision of the Contract shall in no way affect the validity or enforceability of any other portion or provision of the Contract. Any void provision shall be deemed severed from the Contract and the balance of the Contract shall be construed and enforced as if the Contract did not contain the particular portion or provision held to be void. The parties further agree to reform the Contract to replace any stricken provision with a valid provision that comes as close as possible to the intent of the stricken provision. The provisions of this section shall not prevent this entire Contract from being void should a provision which is the essence of the Contract be determined to be void.

**51. HOLIDAYS:** The following holidays are observed by the City:

<u>Holiday</u>	<u>Date Observed</u>
New Year's Day	January 1
Martin Luther King, Jr.'s Birthday	Third Monday in January
President's Day	Third Monday in February
Memorial Day	Last Monday in May
Independence Day	July 4
Labor Day	First Monday in September
Veteran's Day	November 11

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Thanksgiving Day	Fourth Thursday in November
Friday after Thanksgiving	Friday after Thanksgiving
Christmas Eve	December 24
Christmas Day	December 25

If a Legal Holiday falls on Saturday, it will be observed on the preceding Friday. If a Legal Holiday falls on Sunday, it will be observed on the following Monday.

52. **SURVIVABILITY OF OBLIGATIONS:** All provisions of the Contract that impose continuing obligations on the parties, including but not limited to the warranty, indemnity, and confidentiality obligations of the parties, shall survive the expiration or termination of the Contract.

53. **NON-SUSPENSION OR DEBARMENT CERTIFICATION:**

The City of Austin is prohibited from contracting with or making prime or sub-awards to parties that are suspended or debarred or whose principals are suspended or debarred from Federal, State, or City of Austin Contracts. By accepting a Contract with the City, the Vendor certifies that its firm and its principals are not currently suspended or debarred from doing business with the Federal Government, as indicated by the General Services Administration List of Parties Excluded from Federal Procurement and Non-Procurement Programs, the State of Texas, or the City of Austin.

54. **EQUAL OPPORTUNITY**

A. **Equal Employment Opportunity:** No Contractor, or Contractor's agent, shall engage in any discriminatory employment practice as defined in Chapter 5-4 of the City Code. No Offer submitted to the City shall be considered, nor any Purchase Order issued, or any Contract awarded by the City unless the Offeror has executed and filed with the City Purchasing Office a current Non-Discrimination Certification. Non-compliance with Chapter 5-4 of the City Code may result in sanctions, including termination of the contract and the Contractor's suspension or debarment from participation on future City contracts until deemed compliant with Chapter 5-4.

B. **Americans with Disabilities Act (ADA) Compliance:** No Contractor, or Contractor's agent, shall engage in any discriminatory practice against individuals with disabilities as defined in the ADA, including but not limited to: employment, accessibility to goods and services, reasonable accommodations, and effective communications.

55. **INTERESTED PARTIES DISCLOSURE**

As a condition to entering the Contract, the Business Entity constituting the Offeror must provide the following disclosure of Interested Parties to the City prior to the award of a contract with the City on Form 1295 "Certificate of Interested Parties" as prescribed by the Texas Ethics Commission for any contract award requiring council authorization. The Certificate of Interested Parties Form must be completed on the Texas Ethics Commission website, printed, and signed by the authorized agent of the Business Entity with acknowledgment that disclosure is made under oath and under penalty of perjury. The City will submit the "Certificate of Interested Parties" to the Texas Ethics Commission within 30 days of receipt from the successful Offeror. The Offeror is reminded that the provisions of Local Government Code 176, regarding conflicts of interest between the bidders and local officials remains in place. Link to Texas Ethics Commission Form 1295 process and procedures below:

[https://www.ethics.state.tx.us/whatsnew/elf\\_info\\_form1295.htm](https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm)

56. **BUY AMERICAN ACT-SUPPLIES (Applicable to certain Federally funded requirements)**

**CITY OF AUSTIN  
PURCHASING OFFICE  
STANDARD PURCHASE TERMS AND CONDITIONS**

- A. Definitions. As used in this paragraph –
- i. "Component" means an article, material, or supply incorporated directly into an end product.
  - ii. "Cost of components" means -
    - (1) For components purchased by the Contractor, the acquisition cost, including transportation costs to the place of incorporation into the end product (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or
    - (2) For components manufactured by the Contractor, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (1) of this definition, plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the manufacture of the end product.
  - iii. "Domestic end product" means-
    - (1) An unmanufactured end product mined or produced in the United States; or
    - (2) An end product manufactured in the United States, if the cost of its components mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. Components of foreign origin of the same class or kind as those that the agency determines are not mined, produced, or manufactured in sufficient and reasonably available commercial quantities of a satisfactory quality are treated as domestic. Scrap generated, collected, and prepared for processing in the United States is considered domestic.
  - iv. "End product" means those articles, materials, and supplies to be acquired under the contract for public use.
  - v. "Foreign end product" means an end product other than a domestic end product.
  - vi. "United States" means the 50 States, the District of Columbia, and outlying areas.
- B. The Buy American Act (41 U.S.C. 10a - 10d) provides a preference for domestic end products for supplies acquired for use in the United States.
- C. The City does not maintain a list of foreign articles that will be treated as domestic for this Contract; but will consider for approval foreign articles as domestic for this product if the articles are on a list approved by another Governmental Agency. The Offeror shall submit documentation with their Offer demonstrating that the article is on an approved Governmental list.
- D. The Contractor shall deliver only domestic end products except to the extent that it specified delivery of foreign end products in the provision of the Solicitation entitled "Buy American Act Certificate".

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The following Supplemental Purchasing Provisions apply to this solicitation:

1. **EXPLANATIONS OR CLARIFICATIONS:** (reference paragraph 5 in Section 0200)

All requests for explanations or clarifications must be submitted in writing to the Purchasing Office no later than 1:00 PM, one (1) week prior to the proposal due date. Submissions may be made via email to [erika.larsen@austintexas.gov](mailto:erika.larsen@austintexas.gov), or via fax at (512) 974-2388.

2. **INSURANCE:** Insurance is required for this solicitation.

A. **General Requirements:** See Section 0300, Standard Purchase Terms and Conditions, paragraph 32, entitled Insurance, for general insurance requirements.

- i. The Contractor shall provide a Certificate of Insurance as verification of coverages required below to the City at the below address prior to contract execution and within 14 calendar days after written request from the City. Failure to provide the required Certificate of Insurance may subject the Offer to disqualification from consideration for award.
- ii. The Contractor shall not commence work until the required insurance is obtained and until such insurance has been reviewed by the City. Approval of insurance by the City shall not relieve or decrease the liability of the Contractor hereunder and shall not be construed to be a limitation of liability on the part of the Contractor.
- iii. The Contractor must also forward a Certificate of Insurance to the City whenever a previously identified policy period has expired, or an extension option or holdover period is exercised, as verification of continuing coverage.
- iv. The Certificate of Insurance, and updates, shall be mailed to the following address:

City of Austin Purchasing Office  
P. O. Box 1088  
Austin, Texas 78767

B. **Specific Coverage Requirements:** The Contractor shall at a minimum carry insurance in the types and amounts indicated below for the duration of the Contract, including extension options and hold over periods, and during any warranty period. These insurance coverages are required minimums and are not intended to limit the responsibility or liability of the Contractor.

i. **Worker's Compensation and Employers' Liability Insurance:** Coverage shall be consistent with statutory benefits outlined in the Texas Worker's Compensation Act (Section 401). The minimum policy limits for Employer's Liability are \$100,000 bodily injury each accident, \$500,000 bodily injury by disease policy limit and \$100,000 bodily injury by disease each employee.

(1) The Contractor's policy shall apply to the State of Texas and include these endorsements in favor of the City of Austin:

- (a) Waiver of Subrogation, Form WC420304, or equivalent coverage
- (b) Thirty (30) days' Notice of Cancellation, Form WC420601, or equivalent coverage

ii. **Commercial General Liability Insurance:** The minimum bodily injury and property damage per occurrence are \$500,000 for coverages A (Bodily Injury and Property Damage) and B (Personal and Advertising Injury).

(1) The policy shall contain the following provisions:

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- (a) Contractual liability coverage for liability assumed under the Contract and all other Contracts related to the project.
  - (b) Contractor/Subcontracted Work.
  - (c) Products/Completed Operations Liability for the duration of the warranty period.
  - (d) If the project involves digging or drilling provisions must be included that provide Explosion, Collapse, and/or Underground Coverage.
- (2) The policy shall also include these endorsements in favor of the City of Austin:
- (a) Waiver of Subrogation, Endorsement CG 2404, or equivalent coverage
  - (b) Thirty (30) days' Notice of Cancellation, Endorsement CG 0205, or equivalent coverage
  - (c) The City of Austin listed as an additional insured, Endorsement CG 2010, or equivalent coverage
- iii. **Business Automobile Liability Insurance:** The Contractor shall provide coverage for all owned, non-owned and hired vehicles with a minimum combined single limit of \$500,000 per occurrence for bodily injury and property damage. Alternate acceptable limits are \$250,000 bodily injury per person, \$500,000 bodily injury per occurrence and at least \$100,000 property damage liability per accident.
- (1) The policy shall include these endorsements in favor of the City of Austin:
- (a) Waiver of Subrogation, Endorsement CA0444, or equivalent coverage
  - (b) Thirty (30) days' Notice of Cancellation, Endorsement CA0244, or equivalent coverage
  - (c) The City of Austin listed as an additional insured, Endorsement CA2048, or equivalent coverage.
- C. **Endorsements:** The specific insurance coverage endorsements specified above, or their equivalents must be provided. In the event that endorsements, which are the equivalent of the required coverage, are proposed to be substituted for the required coverage, copies of the equivalent endorsements must be provided for the City's review and approval.

**Note: If shipment is made by common carrier, then the requirements for Workers Compensation Employee Liability and Business Automobile Liability Insurance are not required. The Contractor must provide a written statement if a common carrier will be used to deliver parts.**

**3. TERM OF CONTRACT:**

- A. The Contract shall be in effect for an initial term of 24 months and may be extended thereafter for up to three (3) additional 12 month periods, subject to the approval of the Contractor and the City Purchasing Officer or his designee.
- B. Upon expiration of the initial term or period of extension, the Contractor agrees to hold over under the terms and conditions of this agreement for such a period of time as is reasonably necessary to re-solicit and/or complete the project (not to exceed 120 days unless mutually agreed on in writing).
- C. Upon written notice to the Contractor from the City's Purchasing Officer or his designee and acceptance of the Contractor, the term of this contract shall be extended on the same terms and conditions for an additional period as indicated in paragraph A above.
- D. Prices are firm and fixed for the first 12 months. Thereafter, price changes are subject to the Economic Price Adjustment provisions of this Contract.

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4. **QUANTITIES:** The quantities listed herein are estimates for the period of the Contract. The City reserves the right to purchase more or less of these quantities as may be required during the Contract term. Quantities will be as needed and specified by the City for each order. Unless specified in the solicitation, there are no minimum order quantities.

5. **DELIVERY REQUIREMENTS:**

Location: Austin Transportation Department <hr/> 7211 IH-35 <hr/> Austin, TX 78752 <hr/>	Days: <hr/> 60 days <hr/>
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- A. Delivery is to be made within 60 calendar days after the order is placed (either verbally or in writing). All orders must be shipped complete unless arrangements for partial shipments are made in advance.
- B. The Contractor shall provide, with each delivery, a Shipping or Delivery Ticket showing the description of each item, quantity, and unit price.
- C. The cable shall be delivered in continuous reel lengths of 15,000 feet.
- D. The Contractor shall confirm the quantity to be shipped on all orders within two (2) hours of notification by phone from the City.
- E. Unless requested by the City, deliveries shall not be made on City-recognized legal holidays (see paragraph 51 in Section 0300).

6. **INVOICES and PAYMENT:** (reference paragraphs 12 and 13 in Section 0300)

- A. Invoices shall contain a unique invoice number and the information required in Section 0300, paragraph 12, entitled "Invoices." Invoices received without all required information cannot be processed and will be returned to the vendor.

Invoices shall be mailed to the below address:

	City of Austin
Department	Transportation
Attn:	Accts. Payable
Address	3701 Lake Austin Boulevard
City, State Zip Code	Austin, TX 78701

- B. The Contractor agrees to accept payment by either credit card, check or Electronic Funds Transfer (EFT) for all goods and/or services provided under the Contract. The Contractor shall factor the cost of processing credit card payments into the Offer. There shall be no additional charges, surcharges, or penalties to the City for payments made by credit card.

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**7. RESTOCKING FEES:**

- A. The Contractor may bill the City restocking fees (if included in their Offer) for parts that are ordered by the City under the contract and returned for refund. The Contractor is not obligated to accept for refund any part that is not resalable and/or not in the same condition as when purchased.
- B. Restocking fees may be charged to the City when multiple parts or groups of parts are returned for refund at one time due to the City inventory warehouse cleaning, unless these parts are returned at an annual pre-arranged date. The date for the annual return shall be mutually agreed upon between the City and the Contractor.

**8. SAMPLES – EXACT REPLICA:**

- A. The Offeror shall submit an exact replica of the goods to be provided per specification 0500. This sample shall be provided within two (2) weeks after request by the City.
- B. Send samples to the City at the following address:

City of Austin	City of Austin
Department	Transportation Department / Arterials Management Division
Address	1501 Toomey Road
City, State Zip Code	Austin, TX 78704
Attn:	Brian Craig (512)974-4061

- C. All products provided to the City under this solicitation will be evaluated or tested and must meet all requirements of the specification, regardless of whether or not all requirements are to be evaluated or tested.
- D. Samples will be provided at no cost to the City, will be retained by the City, and may be used for use in assuring compliance with materials specifications after award. Failure to supply samples when requested shall subject the Offer to disqualification from consideration for award.
- E. Samples will be evaluated or tested as follows:

Testing will be done in accordance to Section 0500 – Specification Item 5. TESTING to ensure compatibility with existing City of Austin fiber optic cables.

**9. RECYCLED PRODUCTS:**

- A. The City prefers that Offerors offer products that contain recycled materials. When a recycled product is offered by the Offeror, the Offeror must state in their Offer the percentage of the product that is recycled and must include a list of the recycled materials that are contained in the product.
- B. The recycled content of paper products offered to the City shall be in accordance with the Federal Environmental Protection Agency’s Recycled Product Procurement Guidelines. These guidelines are available at <http://www.epa.gov/cpg/> .
- C. Contract award for paper products will be made for recycled products unless the cost is more than 10% above the lowest price for non-recycled paper products as required in the City’s Comprehensive Recycling Resolution.

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**10. PUBLISHED PRICE LISTS:**

- A. Offerors may quote using published price lists in the following ways:
  - i. Offerors may quote one discount from a Published Price List for all offered items to be covered in the Contract. The discount must remain firm during the life of the Contract.
  - ii. Offerors may quote their dealer cost, plus a percentage markup to be added to the cost. The percentage markup must remain firm during the life of the contract.
- B. Two (2) copies of the list upon which the discounts or markups are based shall be submitted with the Offer. All price lists identified in the Offer shall clearly include the Offeror's name and address, the solicitation number, prices, title of the discount and number, and the latest effective date of the price list. If the Offer is based on a discount or markup on a manufacturer's price list, the price list must also include the manufacturer's name, the manufacturer's latest effective date, and the manufacturer's price schedule. All price lists submitted become part of the Offer.
- C. The price list may be superseded or replaced during the Contract term only if price revisions are the result of the manufacturer's official price list revision. Written notification from the Contractor of price changes, along with two (2) copies of the revised list must be submitted to the Buyer in the Purchasing Office with the effective date of change to be at least 30 calendar days after written notification. The City reserves the right to refuse any list revision.
- D. The discounts or markups on equipment rental, material, supplies, parts, and contract services shall be fixed throughout the term of the Contract, and are not subject to increase.
- E. Failure to submit written notification of price list revisions will result in the rejection of new prices being invoiced. The City will only pay invoices according to the last approved price list.

**11. NON-COLLUSION, NON-CONFLICT OF INTEREST, AND ANTI-LOBBYING:**

- A. On November 10, 2011, the Austin City Council adopted Ordinance No. 20111110-052 amending Chapter 2.7, Article 6 of the City Code relating to Anti-Lobbying and Procurement. The policy defined in this Code applies to Solicitations for goods and/or services requiring City Council approval under City Charter Article VII, Section 15 (Purchase Procedures). During the No-Contact Period, Offerors or potential Offerors are prohibited from making a representation to anyone other than the Authorized Contact Person in the Solicitation as the contact for questions and comments regarding the Solicitation.
- B. If during the No-Contact Period an Offeror makes a representation to anyone other than the Authorized Contact Person for the Solicitation, the Offeror's Offer is disqualified from further consideration except as permitted in the Ordinance.
- C. If an Offeror has been disqualified under this article more than two times in a sixty (60) month period, the Purchasing Officer shall debar the Offeror from doing business with the City for a period not to exceed three (3) years, provided the Offeror is given written notice and a hearing in advance of the debarment.
- D. The City requires Offerors submitting Offers on this Solicitation to certify that the Offeror has not in any way directly or indirectly made representations to anyone other than the Authorized Contact Person during the No-Contact Period as defined in the Ordinance. The text of the City Ordinance is posted on the Internet at: <http://www.ci.austin.tx.us/edims/document.cfm?id=161145>

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12. **ECONOMIC PRICE ADJUSTMENT:**

- A. **Price Adjustments:** Prices shown in this Contract shall remain firm for the first 12 months of the Contract. After that, in recognition of the potential for fluctuation of the Contractor's cost, a price adjustment (increase or decrease) may be requested by either the City or the Contractor on the anniversary date of the Contract or as may otherwise be specified herein. The percentage change between the contract price and the requested price shall not exceed the percentage change between the specified index in effect on the date the solicitation closed and the most recent, non-preliminary data at the time the price adjustment is requested. The requested price adjustment shall not exceed 25 percent (25%) for any single line item and in no event shall the total amount of the contract be automatically adjusted as a result of the change in one or more line items made pursuant to this provision. Prices for products or services unaffected by verifiable cost trends shall not be subject to adjustment.
- B. **Effective Date:** Approved price adjustments will go into effect on the first day of the upcoming renewal period or anniversary date of contract award and remain in effect until contract expiration unless changed by subsequent amendment.
- C. **Adjustments:** A request for price adjustment must be made in writing and submitted to the other Party prior to the yearly anniversary date of the Contract; adjustments may only be considered at that time unless otherwise specified herein. Requested adjustments must be solely for the purpose of accommodating changes in the Contractor's direct costs. Contractor shall provide an updated price listing once agreed to adjustment(s) have been approved by the parties.
- D. **Indexes:** In most cases an index from the Bureau of Labor Standards (BLS) will be utilized; however, if there is more appropriate, industry recognized standard then that index may be selected.
- i. The following definitions apply:
- (1) **Base Period:** Month and year of the original contracted price (the solicitation close date).
  - (2) **Base Price:** Initial price quoted, proposed and/or contracted per unit of measure.
  - (3) **Adjusted Price:** Base Price after it has been adjusted in accordance with the applicable index change and instructions provided.
  - (4) **Change Factor:** The multiplier utilized to adjust the Base Price to the Adjusted Price.
  - (5) **Weight %:** The percent of the Base Price subject to adjustment based on an index change.
- ii. **Adjustment-Request Review:** Each adjustment-request received will be reviewed and compared to changes in the index(es) identified below. Where applicable:
- (1) Utilize final Compilation data instead of Preliminary data
  - (2) If the referenced index is no longer available shift up to the next higher category index.

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iii. **Index Identification:** Complete table as they may apply.

Weight % or \$ of Base Price: 100%	
Database Name: PPI Commodity Data	
Series ID: wpu10260333	
<input checked="" type="checkbox"/> Not Seasonally Adjusted	<input type="checkbox"/> Seasonally Adjusted
Description of Series ID: Metals and metal products; Fiber Optic Cables	
This Index shall apply to the following items of the Bid Sheet / Cost Proposal: Fiber Optic Cables	

E. **Calculation:** Price adjustment will be calculated as follows:

**Single Index:** Adjust the Base Price by the same factor calculated for the index change.

Index at time of calculation
Divided by index on solicitation close date
Equals Change Factor
Multiplied by the Base Rate
Equals the Adjusted Price

13. **INTERLOCAL PURCHASING AGREEMENTS:** (applicable to competitively procured goods/services contracts).

- A. The City has entered into Interlocal Purchasing Agreements with other governmental entities, pursuant to the Interlocal Cooperation Act, Chapter 791 of the Texas Government Code. The Contractor agrees to offer the same prices and terms and conditions to other eligible governmental agencies that have an interlocal agreement with the City.
- B. The City does not accept any responsibility or liability for the purchases by other governmental agencies through an interlocal cooperative agreement.

14. **CONTRACT MANAGER:** The following person is designated as Contract Manager, and will act as the contact point between the City and the Contractor during the term of the Contract:

Ramona Aguilar

[Ramona.Aguilar@austintexas.gov](mailto:Ramona.Aguilar@austintexas.gov)

(512) 974-7050

\*Note: The above listed Contract Manager is not the authorized Contact Person for purposes of the **NON-COLLUSION, NON-CONFLICT OF INTEREST, AND ANTI-LOBBYING Provision** of this Section; and therefore, contact with the Contract Manager is prohibited during the no contact period.

**CITY OF AUSTIN  
SPECIFICATION  
FIBER OPTIC CABLE  
SOLICITATION NO.: IFB ELL0052**

**1. PURPOSE**

The City of Austin (City) seeks to establish a contract with a qualified Contractor for the purchase of fiber optic cable to be used to expand and repair the City's Traffic Management Communication System. The City currently uses 48 and 96 strand armored fiber optic cable. The fiber optic cable is used as a primary medium for voice, data, and video communications between the City's traffic management center and the field devices.

The cable provided by the Contractor shall be compliant with existing City standards and be compatible with the existing Traffic Management Communication System which uses Prysmian fiber cable. In the event there is a conflict between these specifications and TMCS standards, the more stringent of the two shall apply.

Any requirements that have been omitted from this specification that are clearly necessary or in conformance shall be considered a requirement although not directly specified or called for in the scope of work.

**2. CONTRACTOR QUALIFICATIONS**

The Contractor shall:

- 2.1 Be an authorized dealer/reseller of the products offered.
- 2.2 Be ISO 9001 registered.

**3. CONTRACTOR REQUIREMENTS**

**3.1 Warranty**

- 3.1.1 The Contractor shall provide a minimum of a 10 year warranty of all materials furnished to the City. The warranty documents provided shall be listed in the City's name.

**3.2 Functional, Performance, and Material Requirements**

- 3.2.1 All materials furnished, assembled, fabricated, or installed under this item shall be new and in strict accordance with the details presented in the specifications.
- 3.2.2 The cable shall meet at a minimum, the following specifications and shall conform with the latest issue of Bellcore TR-TSY-000020: Generic Requirement for Optical Fiber and Optical Fiber Cables, ANSI/EIA-472: Generic Specification of Fiber Optic Cables, and REA-PE-90.
- 3.2.3 The cable supplied shall be Prysmian fiber optic cable or equivalent for the following strand:
  - 3.2.3.1 48 strand fiber - part number 0048HBS1LAFEAJA
  - 3.2.3.2 96 strand fiber - part number 0096HBS1LAFEAJA
- 3.2.4 The cable shall be suitable for installation in an underground conduit environment including constant immersion in water as well as aerial suspension installation on messenger cable between poles.
- 3.2.5 All fiber optic glass shall be from the same manufacturer.
- 3.2.6 All optical fiber strands shall be Corning SMF-28e or equivalent.
- 3.2.7 The cable shall be provided in continuous lengths. Each fiber shall be pulled from the same optical waveguide form and shall be free of splices. Each optical fiber shall consist of a doped silica core surrounded by a concentric silica cladding.
- 3.2.8 The single mode fibers shall have a step index profile with a core/cladding size of 8.3 / 125 microns.

**CITY OF AUSTIN  
SPECIFICATION  
FIBER OPTIC CABLE  
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- 3.2.9 The nominal attenuation shall be 0.35 db/km maximum at a wavelength of 1300 nm, and attenuation of 0.25 db/km maximum at a wavelength of 1550 nm.
- 3.2.10 Single mode fibers shall have a maximum dispersion of 3.5 pico seconds/nanometer kilometer at 1300 nm.
- 3.2.11 The fibers shall have a nominal core diameter of 8.3 microns. Fiber outer diameter shall be 125 plus or minus 3 microns.
- 3.2.12 Core/Clad concentricity shall be within plus or minus 1 micron.
- 3.2.13 Each fiber shall have a high density polymer coating of a minimum of 250 micron to prevent abrasion of the fiber surface or as approved by the City Engineer.
- 3.2.14 The outer diameter of each cable shall be less than 20 mm.
- 3.2.15 The cable shall be of gel-filled or water-blocked, up to the Contractor's choosing, loose tube construction with four buffer tubes for 48 strand fiber and 8 buffer tubes for 96 strand fiber wrapped around a dielectric central strength member. All fiber(s) shall be contained within buffer tubes, and each buffer tube shall have an inside diameter fifty percent greater than the total diameter(s) of the fiber(s) it supports.
- 3.2.16 Each fiber buffer jacket shall be color coded separately. Within unit tubes or sub-bundles, each fiber shall have a distinctly different color coding. The buffer tubes and fibers shall be color coded in compliance with EIA/TIA-598 "Color Coding of Fiber Optic Cables". In buffer tubes containing multiple fibers, the colors shall be stable during temperature cycling and not subject to fading or smearing onto each other or into the gel filling material. Colors shall not cause fibers to stick together. To visit the EIA/TIA 598 link, click here: <http://www.nds.com.vn/images/download/Cabling%20Standard%20-%20TIA%20598%20A%20-%20FO%20Cable%20Color%20Coding.pdf>
- 3.2.17 Each fiber or group of fibers shall be free-floating within the tubes such that all mechanically or environmentally induced stress placed upon the cable is de-coupled from the fibers.
- 3.2.18 The cable shall be capable of withstanding a pulling tension of 2700 N (600 lbs) under load conditions and 600 N (135 lbs) under static conditions and a crush resistance of 5000 N/m (length of cable), without changing the characteristics of the optical fibers.
- 3.2.19 The cable shall be capable of withstanding a minimum bending radius of 10 times its outer diameter during operation and 20 times its outer diameter during installation without changing the characteristics of the optical fibers.
- 3.2.20 The fiber optic cable shall have a reverse oscillation or planetary stranding structure.
- 3.2.21 Jacket construction and the configuration of the groups shall be such that they can easily be separated at splice points, permitting one set of fibers to be cut and spliced while the others remain continuous.
- 3.2.21.1 The cable shall have a dry water-block tape around the buffer tubes throughout the cable to prevent entry of water. A binder wrapping strength member of aramid fibers shall be provided as a final layer prior to application of the outer jacket.
- 3.2.21.2 The outer jacket shall be constructed of medium density polyethylene, nominal jacket thickness of 1.4mm. Jacketing material shall be applied directly over the tensile strength members and flooding compound. The outer jacket shall be UV and fungus resistant.

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FIBER OPTIC CABLE  
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3.2.21.3 A permanent marking shall be employed on the outer jacket of the cable that shall show the date of manufacture and the manufacturer's name and the following: City of Austin Traffic Signals (512)974-4099.

3.2.21.4 A numerical sequence shall be marked on the outer jacket, at intervals no greater than three (3) meters, to facilitate determination of length of cable and amount of cable remaining on the reel. The height of the marking shall be 2.5 mm nominal.

3.2.21.5 Cable construction shall include a single armor jacket of corrugated steel.

3.2.22 The cable shall be capable of withstanding the following environmental conditions:

3.2.22.1 Installation: -30 degrees C to +70 degrees C

3.2.22.2 Storage/Operation: -40 degrees C to +70 degrees C

3.2.22.3 Humidity: 0 to 100%

### 3.3 Testing

3.3.1 Quality Assurance: All cable shall be tested and certified at the factory in accordance with the manufacturer's recommendations and product specifications. Written test results shall be provided with each delivery of each fiber cable order.

3.3.2 Attenuation Tests: All optical fibers shall be proof tested by the fiber manufacturer at a minimum load of 100 kpsi. All optical fibers shall be 100% attenuation tested at the factory for compliance with performance specifications described herein. The attenuation of each fiber shall be provided with each cable reel based on Manufacturer's testing.

3.3.3 Manufacturer's Factory Tests: Each fiber optic cable segment shall be traceable to the test date on file for each step in its manufacturing process. Contractor shall provide this documentation with the delivery of each fiber cable order.

3.3.3.1 Physical tests shall be made on samples of all materials selected at random by the manufacturer at the place of production. Each test cable sample shall be taken from the accessible end of different reels. Each reel selected and the corresponding sample shall be documented in writing and provided to the City Engineer at the time of delivery. The number and/or lengths of samples shall be a nominal 5% of required quantities for each individual test. All applicable tests for the cable materials and cable construction specified shall be performed by the manufacturer.

3.3.3.2 Optical tests shall be made on the entire length of each continuous fiber provided within each fiber optic cable. Each test shall be completed during manufacture as required, and again prior to shipping, after the cable is secured to the reel in final shipping packaged form. Written testing results shall be shipped with the fiber optic cable

3.3.3.3 The Contractor shall provide, at the point of production, apparatus and labor for making any or all of the following tests, to include, but not be limited to:

3.3.3.3.1 Temperature Cycling (destructive test)

3.3.3.3.2 Tensile Strength (destructive test)

3.3.3.3.3 Impact Resistance, Crushing and Flexing (destructive test)

3.3.3.3.4 Optical Attenuation

3.3.3.3.5 Optical Spectral Dispersion

3.3.3.3.6 Optical Time Domain Reflectometer (OTDR)

3.3.3.3.6.1 When tested by the manufacturer in accordance with Fiber Optic Test Procedures (FOTPs) FOTP-37, EIA-455-37 (March 1983)

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FIBER OPTIC CABLE  
SOLICITATION NO.: IFB ELL0052**

“Fiber Optic Cable Bend Test, Low and High Temperature”, the cable shall withstand four full turns around a mandrel ( $\leq 20$  times the cable diameter) after conditioning for four hours at test temperatures of  $-30^{\circ}\text{C}$  and  $+60^{\circ}\text{C}$ . The magnitude of the attenuation change will be within the repeatability of the measurement system for 90% of the test fibers. The remaining 10% of the fibers shall not experience an attenuation change greater than 0.1 dB at 1550 nm. The repeatability of the measurement system is typically  $\pm 0.05$  dB or less. The cable sheath shall not exhibit evidence of cracking or splitting when observed under 5x magnification.

3.3.3.3.6.2 When tested by the manufacturer in accordance with FOTP-3, "Procedure to Measure Temperature Cycling Effects on Optical Fiber, Optical Cable, and Other Passive Fiber Optic Components," the average change in attenuation at extreme operational temperatures ( $-40^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$ ) will not exceed 0.05 dB/km at 1550 nm. The magnitude of the maximum attenuation change of each individual fiber will not be greater than 0.10 dB/km at 1550 nm. An additional 0.05 dB/km is allowed for measurement repeatability.

3.3.4 Delivery Field Tests: The Contractor shall expect the City to test the fiber optic cable upon receipt of delivery to the City.

3.3.4.1 Optical testing shall be performed on all fibers within each cable in order to meet the 100 percent fiber quality warranty as outlined in this Specification.

3.3.4.2 Testing shall be performed on the fibers on the supplied reels.

3.3.4.3 The tests will include, but not be limited to, the following:

3.3.4.3.1 Single direction optical attenuation 1,300 and 1,500 nm for the single mode.

3.3.4.3.2 Optical Time Domain Reflectometer (OTDR) tests shall be conducted and recorded (labeled and identified) in hardcopy and MS Windows file format and the City will provide the results to the Contractor if the fiber optic cable fails testing.

3.3.4.4 Field Tests shall meet the following performance criteria:

3.3.4.4.1 Each fiber on every reel shall be checked with an OTDR at 1300nm to verify fiber lengths and to identify point discontinuities.

3.3.4.4.2 Fiber lengths less than the cable length provided on the reel will be rejected.

3.3.4.4.3 Fiber with point discontinuities greater than 0.20 dB shall be rejected.

#### 3.4 **Measurement and Payment**

3.4.1 Measurement: The fiber optic cable shall be measured by the linear foot of cable furnished, and tested in accordance with these specifications. No separate measurement shall be added for testing, delivery, or storage of the cable.

3.4.2 Payment: The fiber optic cable shall be invoiced at the actual quantity delivered to the City and at the unit price listed in Section 0600 - Bid Sheet for the item. Testing, delivery, and storage shall be considered incidental to the unit cost of the cable.

**SECTION 0600 - BID SHEET  
CITY OF AUSTIN  
FIBER OPTIC CABLES**

**SOLICITATION NO.: ELL0052**

**Special Instructions:** Offerors must use this Bid Sheet to submit pricing. Be advised that exceptions taken to any portion of the solicitations may jeopardize acceptance of your Offer.

The Unit Price listed for each line shall include all charges for administrative, fees, overhead, shipping, and handling (i.e. travel time, mileage, fuel, and fuel surcharges) costs to deliver the items to Austin, TX. These expenses shall be included in the unit rates and shall not be paid separately. The Unit Price listed should be the invoiced price to the City.

A bid of '0' (zero) will be interpreted by the City as a no-charge (free) item and the City will not expect to pay for that item. A bid of 'no bid' or blank entry will be interpreted by the City that the proposer does not wish to bid on that item.

Originals of the product data information sheets, manufacturer's recommended installation procedures, manufacturer's recommended test procedures, complete specifications for the fiber optic cable, and manufacturer's recommended repair and/or maintenance procedures shall be submitted with the bid.

The City requires test results from factory and field delivery tests to be submitted with the bid.

The quantities listed are annual estimates and not a guarantee of actual volume. The City reserves the right to purchase more or less of these quantities as may be required during the Contract Term.

**Category 1 - FIBER OPTIC TABLES**

LINE ITEM	ITEM DESCRIPTION	MANUFACTURER'S INFORMATION	ESTIMATED ANNUAL QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
1.1	48 strand armored fiber optic cable	<b>Manufacturer: Vocom Wasin Fujikura</b> <b>Part #: VNWF-GYFS-48B1-G652D</b> <b>Minimum Order Qty: 19686ft</b>	105,000	Linear Feet	<b>\$0.347</b>	\$36,435.00
1.2	96 strand armored fiber optic cable	<b>Manufacturer: Vocom Wasin Fujikura</b> <b>Part #: VNWF-GYFS-96B1-G652D</b> <b>Minimum Order Qty: 19686ft</b>	30,000	Linear Feet	<b>\$0.583</b>	\$17,490.00
<b>Total for Category 1 =</b>						<b>\$53,925.00</b>

**Category 2 - NON-SPECIFIED ITEMS**

**SECTION 0600 - BID SHEET  
CITY OF AUSTIN  
FIBER OPTIC CABLES**

**SOLICITATION NO.: ELL0052**

This section is to capture any other catalog items that may surround the installation of fiber cables and accessories.

The percentage discount(s) or markup(s) shall be fixed throughout the term of the Contract including any subsequent renewal periods, and are not subject to increase. Revisions to the prices may only be adjusted using the Pricing Requirements - Non-Specified Items provision in Section 0400.

Bidder shall provide the manufacturer(s) of the parts, the name and number of the identified price list(s), the latest effective date of the identified price list(s) and either the percentage discount(s) or markup(s) to the identified price list(s). Please include all manufacturers price lists that could contribute to the Contract. Attach additional sheets as necessary.

LINE ITEM	MANUFACTURER OF THE PARTS	NAME AND NUMBER OF PRICE LIST	LATEST EFFECTIVE DATE OF PRICE LIST	DISCOUNT FROM, OR MARKUP TO PRICE LIST
2.1	<b>N/A</b> _____	Name _____ N/A _____ Number _____ N/A _____	N/A _____	____ N/A _____ % Discount or ____ N/A _____ % Markup
2.2	<b>N/A</b> _____	Name _____ N/A _____ Number _____ N/A _____	N/A _____	____ N/A _____ % Discount or ____ N/A _____ % Markup

CONTRACTOR NAME: Vocom International Telecommunication, Inc.

OFFERS BEST DELIVERY IS \_\_\_\_60\_\_\_\_ CALENDAR DAYS AFTER RECEIPT OF ORDER

DELIVERY TERMS: DELIVERY IS TO BE FOB DESTINATION, PREPAID AND ALLOWED

DELIVERY METHOD: By truck with each cable reel palletized

**Section 0605: Local Business Presence Identification**

A firm (Offeror or Subcontractor) is considered to have a Local Business Presence if the firm is headquartered in the Austin Corporate City Limits, or has a branch office located in the Austin Corporate City Limits in operation for the last five (5) years, currently employs residents of the City of Austin, Texas, and will use employees that reside in the City of Austin, Texas, to support this Contract. The City defines headquarters as the administrative center where most of the important functions and full responsibility for managing and coordinating the business activities of the firm are located. The City defines branch office as a smaller, remotely located office that is separate from a firm's headquarters that offers the services requested and required under this solicitation.

**OFFEROR MUST SUBMIT THE FOLLOWING INFORMATION FOR EACH LOCAL BUSINESS (INCLUDING THE OFFEROR, IF APPLICABLE) TO BE CONSIDERED FOR LOCAL PRESENCE.**

*NOTE: ALL FIRMS MUST BE IDENTIFIED ON THE MBE/WBE COMPLIANCE PLAN OR NO GOALS UTILIZATION PLAN (REFERENCE SECTION 0900).*

**\*USE ADDITIONAL PAGES AS NECESSARY\***

**OFFEROR:**

Name of Local Firm	Vocom International Telecommunication, Inc.	
Physical Address	21700 E. Copley Dr, Suite 268 Diamond Bar, CA 91765	
Is your headquarters located in the Corporate City Limits? (circle one)	<input checked="" type="radio"/> Yes	<input type="radio"/> No
or		
Has your branch office been located in the Corporate City Limits for the last 5 years?	<input type="radio"/> Yes	<input type="radio"/> No
Will your business be providing additional economic development opportunities created by the contract award? (e.g., hiring, or employing residents of the City of Austin or increasing tax revenue?)	<input type="radio"/> Yes	<input checked="" type="radio"/> No

**SUBCONTRACTOR(S):**

Name of Local Firm		
Physical Address		
Is your headquarters located in the Corporate City Limits? (circle one)	<input type="radio"/> Yes	<input type="radio"/> No
or		
Has your branch office been located in the Corporate City Limits for the last 5 years	<input type="radio"/> Yes	<input type="radio"/> No

Will your business be providing additional economic development opportunities created by the contract award? (e.g., hiring, or employing residents of the City of Austin or increasing tax revenue?)	Yes	No

**SUBCONTRACTOR(S):**

Name of Local Firm		
Physical Address		
Is your headquarters located in the Corporate City Limits? (circle one)	Yes	No
or		
Has your branch office been located in the Corporate City Limits for the last 5 years	Yes	No
Will your business be providing additional economic development opportunities created by the contract award? (e.g., hiring, or employing residents of the City of Austin or increasing tax revenue?)	Yes	No

**Section 0700: Reference Sheet**

Responding Company Name Vocom International Telecommunication, Inc.

The City at its discretion may check references in order to determine the Offeror's experience and ability to provide the products and/or services described in this Solicitation. The Offeror shall furnish at least 3 complete and verifiable references. References shall consist of customers to whom the offeror has provided the same or similar services within the last 5 years. References shall indicate a record of positive past performance.

1. Company's Name LightSpeed Communications, LLC  
Name and Title of Contact Levy Schrepfer/Chief Engineer  
Project Name N/A  
Present Address 4942 Dawn Ave,  
City, State, Zip Code East Lansing, MI 48823  
Telephone Number ( 989) 4131874 Fax Number ( ) N/A  
Email Address N/A
  
2. Company's Name Stealth Communications  
Name and Title of Contact Shrihari Pandit/CEO/CTO  
Project Name N/A  
Present Address 1 Pennsylvania Plaza,  
City, State, Zip Code New York, NY 10119  
Telephone Number ( 646) 9965680 Fax Number ( ) N/A  
Email Address N/A
  
3. Company's Name Ruston City - PUD  
Name and Title of Contact Michelle Colvin/ CPPB  
Project Name N/A  
Present Address 701 E TENNESSEE AVE  
City, State, Zip Code RUSTON, LA 71270  
Telephone Number ( 318) 2518631 Fax Number ( ) N/A  
Email Address N/A

**City of Austin, Texas**

**Section 0800**

**NON-DISCRIMINATION AND NON-RETALIATION CERTIFICATION**

**City of Austin, Texas**

**Equal Employment/Fair Housing Office**

To: City of Austin, Texas,

I hereby certify that our firm complies with the Code of the City of Austin, Section 5-4-2 as reiterated below, and agrees:

- (1) Not to engage in any discriminatory employment practice defined in this chapter.
- (2) To take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without discrimination being practiced against them as defined in this chapter, including affirmative action relative to employment, promotion, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training or any other terms, conditions or privileges of employment.
- (3) To post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Equal Employment/Fair Housing Office setting forth the provisions of this chapter.
- (4) To state in all solicitations or advertisements for employees placed by or on behalf of the Contractor, that all qualified applicants will receive consideration for employment without regard to race, creed, color, religion, national origin, sexual orientation, gender identity, disability, sex or age.
- (5) To obtain a written statement from any labor union or labor organization furnishing labor or service to Contractors in which said union or organization has agreed not to engage in any discriminatory employment practices as defined in this chapter and to take affirmative action to implement policies and provisions of this chapter.
- (6) To cooperate fully with City and the Equal Employment/Fair Housing Office in connection with any investigation or conciliation effort of the Equal Employment/Fair Housing Office to ensure that the purpose of the provisions against discriminatory employment practices are being carried out.
- (7) To require of all subcontractors having 15 or more employees who hold any subcontract providing for the expenditure of \$2,000 or more in connection with any contract with the City subject to the terms of this chapter that they do not engage in any discriminatory employment practice as defined in this chapter

For the purposes of this Offer and any resulting Contract, Contractor adopts the provisions of the City's Minimum Standard Non-Discrimination and Non-Retaliation Policy set forth below.

**City of Austin**

**Minimum Standard Non-Discrimination and Non-Retaliation in Employment Policy**

As an Equal Employment Opportunity (EEO) employer, the Contractor will conduct its personnel activities in accordance with established federal, state and local EEO laws and regulations.

The Contractor will not discriminate against any applicant or employee based on race, creed, color, national origin, sex, age, religion, veteran status, gender identity, disability, or sexual orientation. This policy covers all aspects of employment,

including hiring, placement, upgrading, transfer, demotion, recruitment, recruitment advertising, selection for training and apprenticeship, rates of pay or other forms of compensation, and layoff or termination.

The Contractor agrees to prohibit retaliation, discharge or otherwise discrimination against any employee or applicant for employment who has inquired about, discussed or disclosed their compensation.

Further, employees who experience discrimination, sexual harassment, or another form of harassment should immediately report it to their supervisor. If this is not a suitable avenue for addressing their complaint, employees are advised to contact another member of management or their human resources representative. No employee shall be discriminated against, harassed, intimidated, nor suffer any reprisal as a result of reporting a violation of this policy. Furthermore, any employee, supervisor, or manager who becomes aware of any such discrimination or harassment should immediately report it to executive management or the human resources office to ensure that such conduct does not continue.

Contractor agrees that to the extent of any inconsistency, omission, or conflict with its current non-discrimination and non-retaliation employment policy, the Contractor has expressly adopted the provisions of the City's Minimum Non-Discrimination Policy contained in Section 5-4-2 of the City Code and set forth above, as the Contractor's Non-Discrimination Policy or as an amendment to such Policy and such provisions are intended to not only supplement the Contractor's policy, but will also supersede the Contractor's policy to the extent of any conflict.

UPON CONTRACT AWARD, THE CONTRACTOR SHALL PROVIDE THE CITY A COPY OF THE CONTRACTOR'S NON-DISCRIMINATION AND NON-RETALIATION POLICIES ON COMPANY LETTERHEAD, WHICH CONFORMS IN FORM, SCOPE, AND CONTENT TO THE CITY'S MINIMUM NON-DISCRIMINATION AND NON-RETALIATION POLICIES, AS SET FORTH HEREIN, **OR** THIS NON-DISCRIMINATION AND NON-RETALIATION POLICY, WHICH HAS BEEN ADOPTED BY THE CONTRACTOR FOR ALL PURPOSES WILL BE CONSIDERED THE CONTRACTOR'S NON-DISCRIMINATION AND NON-RETALIATION POLICY WITHOUT THE REQUIREMENT OF A SEPARATE SUBMITTAL.

**Sanctions:**

Our firm understands that non-compliance with Chapter 5-4 and the City's Non-Retaliation Policy may result in sanctions, including termination of the contract and suspension or debarment from participation in future City contracts until deemed compliant with the requirements of Chapter 5-4 and the Non-Retaliation Policy.

**Term:**

The Contractor agrees that this Section 0800 Non-Discrimination and Non-Retaliation Certificate of the Contractor's separate conforming policy, which the Contractor has executed and filed with the City, will remain in force and effect for one year from the date of filing. The Contractor further agrees that, in consideration of the receipt of continued Contract payment, the Contractor's Non-Discrimination and Non-Retaliation Policy will automatically renew from year-to-year for the term of the underlying Contract.

Dated this 5th day of September, 2017

CONTRACTOR

Vocom International Telecommunication, Inc.

Authorized Signature



Title

Vice President

**City of Austin, Texas**  
**Section 0805**  
**NON-SUSPENSION OR DEBARMENT CERTIFICATION**

The City of Austin is prohibited from contracting with or making prime or sub-awards to parties that are suspended or debarred or whose principals are suspended or debarred from Federal, State, or City of Austin Contracts. Covered transactions include procurement contracts for goods or services equal to or in excess of \$25,000.00 and all non-procurement transactions. This certification is required for all Vendors on all City of Austin Contracts to be awarded and all contract extensions with values equal to or in excess of \$25,000.00 or more and all non-procurement transactions.

The Offeror hereby certifies that its firm and its principals are not currently suspended or debarred from bidding on any Federal, State, or City of Austin Contracts.

**CITY OF AUSTIN, TEXAS**  
**SECTION 0810**  
**NON-COLLUSION,**  
**NON-CONFLICT OF INTEREST, AND ANTI-LOBBYING CERTIFICATION**

The term “**Offeror**”, as used in this document, includes the individual or business entity submitting the Offer. For the purpose of this Affidavit, an Offeror includes the directors, officers, partners, managers, members, principals, owners, agents, representatives, employees, other parties in interest of the Offeror, and any person or any entity acting for or on behalf of the Offeror, including a subcontractor in connection with this Offer.

1. **Anti-Collusion Statement.** The Offeror has not in any way directly or indirectly:

- a. colluded, conspired, or agreed with any other person, firm, corporation, Offeror or potential Offeror to the amount of this Offer or the terms or conditions of this Offer.
- b. paid or agreed to pay any other person, firm, corporation Offeror or potential Offeror any money or anything of value in return for assistance in procuring or attempting to procure a contract or in return for establishing the prices in the attached Offer or the Offer of any other Offeror.

2. **Preparation of Solicitation and Contract Documents.** The Offeror has not received any compensation or a promise of compensation for participating in the preparation or development of the underlying Solicitation or Contract documents. In addition, the Offeror has not otherwise participated in the preparation or development of the underlying Solicitation or Contract documents, except to the extent of any comments or questions and responses in the solicitation process, which are available to all Offerors, so as to have an unfair advantage over other Offerors, provided that the Offeror may have provided relevant product or process information to a consultant in the normal course of its business.

3. **Participation in Decision Making Process.** The Offeror has not participated in the evaluation of Offers or other decision making process for this Solicitation, and, if Offeror is awarded a Contract no individual, agent, representative, consultant, subcontractor, or sub-consultant associated with Offeror, who may have been involved in the evaluation or other decision making process for this Solicitation, will have any direct or indirect financial interest in the Contract, provided that the Offeror may have provided relevant product or process information to a consultant in the normal course of its business.

4. **Present Knowledge.** Offeror is not presently aware of any potential or actual conflicts of interest regarding this Solicitation, which either enabled Offeror to obtain an advantage over other Offerors or would prevent Offeror from advancing the best interests of the City in the course of the performance of the Contract.

5. **City Code.** As provided in Sections 2-7-61 through 2-7-65 of the City Code, no individual with a substantial interest in Offeror is a City official or employee or is related to any City official or employee within the first or second degree of consanguinity or affinity.

6. **Chapter 176 Conflict of Interest Disclosure.** In accordance with Chapter 176 of the Texas Local Government Code, the Offeror:

- a. does not have an employment or other business relationship with any local government officer of the City or a family member of that officer that results in the officer or family member receiving taxable income;

- b. has not given a local government officer of the City one or more gifts, other than gifts of food, lodging, transportation, or entertainment accepted as a guest, that have an aggregate value of more than \$100 in the twelve month period preceding the date the officer becomes aware of the execution of the Contract or that City is considering doing business with the Offeror. and
  - c. does not have a family relationship with a local government officer of the City in the third degree of consanguinity or the second degree of affinity.
7. As required by Chapter 176 of the Texas Local Government Code, Offeror must file a Conflict of Interest Questionnaire with the Office of the City Clerk no later than 5:00 P.M. on the seventh (7th) business day after the commencement of contract discussions or negotiations with the City or the submission of an Offer, or other writing related to a potential Contract with the City. The questionnaire is available on line at the following website for the City Clerk:

<http://www.austintexas.gov/department/conflict-interest-questionnaire>

There are statutory penalties for failure to comply with Chapter 176.

If the Offeror cannot affirmatively swear and subscribe to the forgoing statements, the Offeror shall provide a detailed written explanation with any solicitation responses on separate pages to be annexed hereto.

8. **Anti-Lobbying Ordinance.** As set forth in the Solicitation Instructions, Section 0200, paragraph 7N, between the date that the Solicitation was issued and the date of full execution of the Contract, Offeror has not made and will not make a representation to a City official or to a City employee, other than the Authorized Contact Person for the Solicitation, except as permitted by the Ordinance.

**Section 0835: Non-Resident Bidder Provisions**

Company Name Vocom International Telecommunication, Inc.

- A. Bidder must answer the following questions in accordance with Vernon's Texas Statutes and Codes Annotated Government Code 2252.002, as amended:

Is the Bidder that is making and submitting this Bid a "Resident Bidder" or a "non-resident Bidder"?

Answer: non-resident Bidder

- (1) Texas Resident Bidder- A Bidder whose principle place of business is in Texas and includes a Contractor whose ultimate parent company or majority owner has its principal place of business in Texas.
- (2) Nonresident Bidder- A Bidder who is not a Texas Resident Bidder.

- B. If the Bidder is a "Nonresident Bidder" does the state, in which the Nonresident Bidder's principal place of business is located, have a law requiring a Nonresident Bidder of that state to bid a certain amount or percentage under the Bid of a Resident Bidder of that state in order for the nonresident Bidder of that state to be awarded a Contract on such bid in said state?

Answer: No Which State: California

- C. If the answer to Question B is "yes", then what amount or percentage must a Texas Resident Bidder bid under the bid price of a Resident Bidder of that state in order to be awarded a Contract on such bid in said state?

Answer: N/A

**Section 0900: SUBCONTRACTING/SUB-CONSULTING UTILIZATION FORM**

**MINORITY- AND WOMEN-OWNED BUSINESS ENTERPRISE (MBE/WBE)**

**PROCUREMENT PROGRAM**

**Subcontracting/Sub-Consulting ("Subcontractor") Utilization Form**

SOLICITATION NUMBER: ELL0052  
 SOLICITATION TITLE: Fiber Optic Cables

In accordance with the City of Austin’s Minority and Women-Owned Business Enterprises (M/WBE) Procurement Program (Program), Chapters 2-9A/B/C/D of the City Code and M/WBE Program Rules, this Solicitation was reviewed by the Small and Minority Business Resources Department (SMBR) to determine if M/WBE Subcontractor/Sub-Consultant (“Subcontractor”) Goals could be applied. Due to insufficient subcontracting/subconsultant opportunities and/or insufficient availability of M/WBE certified firms, SMBR has assigned no subcontracting goals for this Solicitation. However, Offerors who choose to use Subcontractors must comply with the City’s M/WBE Procurement Program as described below. Additionally, if the Contractor seeks to add Subcontractors after the Contract is awarded, the Program requirements shall apply to any Contract(s) resulting from this Solicitation.

**Instructions:**

- a.) Offerors who do not intend to use Subcontractors shall check the “NO” box and follow the corresponding instructions.
- b.) Offerors who intend to use Subcontractors shall check the applicable “YES” box and follow the instructions. **Offers that do not include the following required documents shall be deemed non-compliant or nonresponsive as applicable, and the Offeror’s submission may not be considered for award.**

**NO, I DO NOT intend to use Subcontractors/Sub-consultants.**

**Instructions:** Offerors that do not intend to use Subcontractors shall complete and sign this form below (Subcontracting/Sub-Consulting (“Subcontractor”) Utilization Form) and include it with their sealed Offer.

**YES, I DO intend to use Subcontractors /Sub-consultants.**

**Instructions:** Offerors that do intend to use Subcontractors shall complete and sign this form below (Subcontracting/Sub-Consulting (“Subcontractor”) Utilization Form), and follow the additional Instructions in the (Subcontracting/Sub-Consulting (“Subcontractor”) Utilization Plan). Contact SMBR if there are any questions about submitting these forms.

Offeror Information			
Company Name			
City Vendor ID Code			
Physical Address			
City, State Zip			
Phone Number		Email Address	
Is the Offeror City of Austin M/WBE certified?	<input type="checkbox"/> NO <input type="checkbox"/> YES      Indicate one: <input type="checkbox"/> MBE <input type="checkbox"/> WBE <input type="checkbox"/> MBE/WBE Joint Venture		
<p><b>Offeror Certification:</b> I understand that even though SMBR did not assign subcontract goals to this Solicitation, I will comply with the City’s M/WBE Procurement Program if I intend to include Subcontractors in my Offer. I further agree that this completed <b>Subcontracting/Sub-Consulting Utilization Form</b>, and if applicable my completed <b>Subcontracting/Sub-Consulting Utilization Plan</b>, shall become a part of any Contract I may be awarded as the result of this Solicitation. Further, if I am awarded a Contract and I am not using Subcontractor(s) but later intend to add Subcontractor(s), before the Subcontractor(s) is hired or begins work, I will comply with the City’s M/WBE Procurement Program and submit the <b>Request For Change</b> form to add any Subcontractor(s) to the Project Manager or the Contract Manager for prior authorization by the City and perform Good Faith Efforts (GFE), if applicable. I understand that, if a Subcontractor is not listed in my <b>Subcontracting/Sub-Consulting Utilization Plan</b>, it is a violation of the City’s M/WBE Procurement Program for me to hire the Subcontractor or allow the Subcontractor to begin work, unless I first obtain City approval of my <b>Request for Change</b> form. I understand that, if a Subcontractor is not listed in my <b>Subcontracting/Sub-Consulting Utilization Plan</b>, it is a violation of the City’s M/WBE Procurement Program for me to hire the Subcontractor or allow the Subcontractor to begin work, unless I first obtain City approval of my <b>Request for Change</b> form.</p>			
Name and Title of Authorized Representative (Print or Type)	Signature/Date		

**Section 0905: SUBCONTRACTING/SUB-CONSULTING UTILIZATION PLAN**

**MINORITY- AND WOMEN-OWNED BUSINESS ENTERPRISE (MBE/WBE)**

**PROCUREMENT PROGRAM**

**Subcontracting/Sub-Consulting (“Subcontractor”) Utilization Plan**

SOLICITATION NUMBER: ELL0052

SOLICITATION TITLE: Fiber Optic Cables

INSTRUCTIONS: Offerors who DO intend to use Subcontractors may utilize M/WBE Subcontractor(s) or perform Good Faith efforts when retaining Non-certified Subcontractor(s). Offerors must determine which type of Subcontractor(s) they are anticipating to use (CERTIFIED OR NON-CERTIFIED), check the box of their applicable decision, and comply with the additional instructions associated with that particular selection.

- I intend to use City of Austin CERTIFIED M/WBE Subcontractor/Sub-consultant(s).

Instructions: Offerors may use Subcontractor(s) that ARE City of Austin certified M/WBE firms. Offerors shall contact SMBR (512-974-7600 or [SMBRComplianceDocuments@austintexas.gov](mailto:SMBRComplianceDocuments@austintexas.gov)) to confirm if the Offeror’s intended Subcontractor(s) are City of Austin certified M/WBE and if these firm(s) are certified to provide the goods and services the Offeror intends to subcontract. If the Offeror’s Subcontractor(s) are current valid certified City of Austin M/WBE firms, the Offeror shall insert the name(s) of their Subcontractor(s) into the table below and must include the following documents in their sealed Offer:

- Subcontracting/Sub-Consulting Utilization Form (completed and signed)
- Subcontracting/Sub-Consulting Utilization Plan (completed)

- I intend to use NON-CERTIFIED Subcontractor/Sub-Consultant(s) after performing Good Faith Efforts.

**Instructions:** Offerors may use Subcontractors that ARE NOT City of Austin certified M/WBE firms ONLY after Offerors have first demonstrated Good Faith Efforts to provide subcontracting opportunities to City of Austin M/WBE firms.

STEP ONE: Contact SMBR for an availability list for the scope(s) of work you wish to subcontract;

STEP TWO: Perform Good Faith Efforts (Check List provided below);

STEP THREE: Offerors shall insert the name(s) of their certified or non-certified Subcontractor(s) into the table below and must include the following documents in their sealed Offer:

- Subcontracting/Sub-Consulting Utilization Form (completed and signed)
- Subcontracting/Sub-Consulting Utilization Plan (completed)
- All required documentation demonstrating the Offeror’s performance of Good Faith Efforts (see Check List below)

**GOOD FAITH EFFORTS CHECK LIST –**

When using NON-CERTIFIED Subcontractor/Sub-consultants(s), **ALL** of the following CHECK BOXES **MUST** be completed in order to meet and comply with the Good Faith Effort requirements and all documentation must be included in your sealed Offer. Documentation **CANNOT** be added or changed after submission of the bid.

- Contact SMBR.** Offerors shall contact SMBR (512-974-7600 or [SMBRComplianceDocuments@austintexas.gov](mailto:SMBRComplianceDocuments@austintexas.gov)) to obtain a list of City of Austin certified M/WBE firms that are certified to provide the goods and services the Offeror intends to subcontract out. (Availability List). Offerors shall document their contact(s) with SMBR in the “SMBR Contact Information” table on the following page.
- Contact M/WBE firms.** Offerors shall contact all of the M/WBE firms on the Availability List with a Significant Local Business Presence which is the Austin Metropolitan Statistical Area, to provide information on the proposed goods and services proposed to be subcontracted and give the Subcontractor the opportunity to respond on their interest to bid on the proposed scope of work. When making the contacts, Offerors shall use at least two (2) of the following communication methods: email, fax, US mail or phone. Offerors shall give the contacted M/WBE firms at least seven days to respond with their interest. Offerors shall document all evidence of their contact(s) including: emails, fax confirmations, proof of mail delivery, and/or phone logs. These documents shall show the date(s) of contact, company contacted, phone number, and contact person.

MINORITY- AND WOMEN-OWNED BUSINESS ENTERPRISE (MBE/WBE)

PROCUREMENT PROGRAM

Subcontracting/Sub-Consulting ("Subcontractor") Utilization Plan

SOLICITATION NUMBER: ELL0052

SOLICITATION TITLE: Fiber Optic Cables

- Follow up with responding M/WBE firms.** Offeror shall follow up with all M/WBE firms that respond to the Offeror's request. Offerors shall provide written evidence of their contact(s): emails, fax confirmations, proof of mail delivery, and/or phone logs. These documents shall show the date(s) of contact, company contacted, phone number, and contact person.
  
- Advertise.** Offerors shall place an advertisement of the subcontracting opportunity in a local publication (i.e. newspaper, minority or women organizations, or electronic/social media). Offerors shall include a copy of their advertisement, including the name of the local publication and the date the advertisement was published.
  
- Use a Community Organization.** Offerors shall solicit the services of a community organization(s); minority persons/women contractors'/trade group(s); local, state, and federal minority persons/women business assistance office(s); and other organizations to help solicit M/WBE firms. Offerors shall provide written evidence of their Proof of contact(s) include: emails, fax confirmations, proof of mail delivery, and/or phone logs. These documents shall show the date(s) of contact, organization contacted, phone number, email address and contact person.

**MINORITY- AND WOMEN-OWNED BUSINESS ENTERPRISE (MBE/WBE)**

**PROCUREMENT PROGRAM**

**Subcontracting/Sub-Consulting ("Subcontractor") Utilization Plan**

SOLICITATION NUMBER: ELL0052  
 SOLICITATION TITLE: Fiber Optic Cables

*(Offerors may duplicate this page to add additional Subcontractors as needed)*

Subcontractor/Sub-consultant	
City of Austin Certified	<input type="checkbox"/> MBE <input type="checkbox"/> WBE Ethnic/Gender Code: <input type="checkbox"/> NON-CERTIFIED
Vendor ID Code	
Contact Person	Phone Number:
Additional Contact Info	Fax Number: E-mail:
Amount of Subcontract	\$
List commodity codes & description of services	
Justification for not utilizing a certified MBE/WBE	

Subcontractor/Sub-consultant	
City of Austin Certified	<input type="checkbox"/> MBE <input type="checkbox"/> WBE Ethnic/Gender Code: <input type="checkbox"/> NON-CERTIFIED
Vendor ID Code	
Contact Person	Phone Number:
Additional Contact Info	Fax Number: E-mail:
Amount of Subcontract	\$
List commodity codes & description of services	
Justification for not utilizing a certified MBE/WBE	

SMBR Contact Information			
SMBR Contact Name	Contact Date	Means of Contact	Reason for Contact
		<input type="checkbox"/> Phone <b>OR</b> <input type="checkbox"/> Email	

**FOR SMALL AND MINORITY BUSINESS RESOURCES DEPARTMENT USE ONLY:**

Having reviewed this plan, I acknowledge that the Offeror  HAS or  HAS NOT complied with these instructions and City Code Chapters 2-9A/B/C/D, as amended.

\_\_\_\_\_  
 Reviewing Counselor Date

I have reviewed the completing the Subcontracting/Sub-Consultant Utilization Plan and  Concur  Do Not Concur with the Reviewing Counselor's recommendation.

\_\_\_\_\_  
 Director/Assistant Director or Designee Date

**Measuring record for optical cable**

Type of Cable:GYFS-48B1.3										Task No: 21038848			
Drum No. :WY1506238480										Fiber Length: 20302 feet			
										Cable Length: 19824 feet			
Fiber Color		Blue	Ora.	Gre.	Bro.	Grey	Whi.	Red	Bla.	Yel.	Vio.	Pink	Aqua
Tube Color	wave (nm)	Attenuation(dB/km)											
01 Blue Tube	1310	0.327	0.328	0.330	0.327	0.330	0.329	0.329	0.331	0.330	0.330	0.329	0.326
	1550	0.186	0.183	0.185	0.186	0.185	0.184	0.184	0.186	0.184	0.185	0.183	0.184
	1383	0.288	0.281	0.280	0.284	0.287	0.280	0.286	0.284	0.283	0.281	0.280	0.284
	1625	0.191	0.190	0.190	0.193	0.193	0.191	0.192	0.189	0.193	0.190	0.192	0.189
02 Ora. Tube	1310	0.326	0.326	0.329	0.328	0.328	0.328	0.328	0.328	0.328	0.327	0.327	0.323
	1550	0.185	0.184	0.185	0.184	0.183	0.182	0.183	0.184	0.183	0.183	0.182	0.183
	1383	0.285	0.284	0.285	0.282	0.279	0.282	0.285	0.278	0.287	0.287	0.284	0.283
	1625	0.192	0.192	0.191	0.191	0.193	0.192	0.194	0.190	0.191	0.190	0.190	0.189
03 Gre. Tube	1310	0.327	0.328	0.327	0.325	0.328	0.328	0.328	0.328	0.328	0.327	0.327	0.326
	1550	0.182	0.183	0.182	0.183	0.183	0.182	0.183	0.184	0.182	0.184	0.183	0.182
	1383	0.283	0.280	0.283	0.280	0.278	0.290	0.283	0.283	0.282	0.280	0.283	0.279
	1625	0.189	0.190	0.192	0.191	0.191	0.191	0.188	0.188	0.192	0.192	0.190	0.193
04 Bro. Tube	1310	0.329	0.328	0.328	0.329	0.326	0.329	0.329	0.327	0.327	0.328	0.328	0.326
	1550	0.184	0.182	0.184	0.180	0.184	0.183	0.183	0.184	0.184	0.182	0.183	0.182
	1383	0.282	0.288	0.283	0.282	0.285	0.281	0.281	0.288	0.288	0.286	0.276	0.281
	1625	0.191	0.192	0.192	0.191	0.191	0.190	0.191	0.190	0.189	0.194	0.190	0.192
05 Nat. filler													
06 Nat. filler													
Effective Group Index of Refraction				G. 652: 1.4675 (1310nm) 1.468 (1550nm)									
Other Technology Criteria Conforms For the Contract's Requests													

Fujikura G652D - Corning SMF Spec Comparison

Attribute / Specification	Fujikura G652D	Corning SMF 28e+ Spec
<b>Attenuation Specification (dB/km)</b>		
<b>Attenuation dB/km</b>		
@ 1310	≤ 0.35	≤ 0.35
@ 1383 +/- 3nm	≤ 0.34	≤ 0.35
@ 1490	≤ 0.24	≤ 0.24
@ 1550	≤ 0.21	≤ 0.20
@ 1625	≤ 0.24	≤ 0.23
<b>Attenuation Difference (dB/km)</b>		
1285-1330	0.04	0.03
1525-1575	0.03	0.02
<b>Attenuation Uniformity</b>	< 0.05	
<b>Backscatter</b>	none	
<b>Attenuation with Bending (dB)</b>		
<b>Allowable Bending Radius</b>		
<b>1 Turn @ 20 mm Radius 1 Turn @ 10 mm Radius</b>		
@ 1550		
@ 1625		
<b>1 Turn @ 25 mm Radius 1 Turn @ 12.5 mm Radius</b>		
@ 1550		
@ 1625		
<b>1 Turn @ 32 mm Radius 1 Turn @ 16 mm Radius</b>		
@ 1550	≤ 0.05	≤ 0.03
<b>10 Turns @ 30 mm Radius 10 Turns @ 15 mm Radius</b>		
@ 1550		
@ 1625		
<b>100 Turns @ 50 mm Radius</b>		
@ 1310	N/A	≤ 0.03
@ 1550	N/A	≤ 0.03
@ 1625		
<b>100 Turns @ 60 mm Radius 100 Turns @ 30 mm Radius</b>		
@ 1625	≤ 0.1	≤ 0.03
<b>100 Turns @ 75 mm Radius</b>		
@ 1310		
@ 1550		
<b>OTDR Point Discontinuity (dB)</b>		
@ 1310	≤ 0.05	≤ 0.05
@ 1550	≤ 0.05	≤ 0.05
<b>Mode Field Diameter (um)</b>		

	@ 1310	9.2 ± 0.4	9.2 ± 0.4
	@ 1550	10.4 ± 0.4	10.4 ± 0.5
<b>Dispersion</b>			
<b>Zero Dispersion Wavelength (nm)</b>		1300 -1324nm	1304 to 1324
<b>Zero Dispersion Slope (ps/nm<sup>2</sup>*km)</b>		≤ 0.092	≤ 0.092
<b>Typical Zero Dispersion Slope (ps/nm<sup>2</sup>*km)</b>			
<b>Typical Dispersion (nm*km)</b>			
	@ 1550	< 18	≤ 18
	@ 1625	< 22	≤ 22
	1285-1340	> -3.5 ≤ 3.5	
	1288-1339		
	1270-1360		
<b>PMD--Link Design 20 sections</b>		≤ 0.08	≤ 0.06
<b>PMD--Max. Individual Fiber</b>		≤ 0.14	≤ 0.1
<b>Cutoff Wavelength</b>			
	Cable	< 1260	≤ 1260
<b>Fiber</b>			
<b>Nominal Effective Group Index (Neff)</b>			
	@ 1310	1.4675	1.4674 typical
	@ 1550	1.4681	1.4679 typical
<b>(dB)</b>			
	@ 1310		-77 typical
	@ 1550		-82 typical
<b>ENVIRONMENTAL (dB/km)</b>			
<b>Temp. Dependence -60 to + 85</b>			
	@ 1310	≤ 0.05	≤ 0.05
	@ 1550	≤ 0.05	≤ 0.05
	@ 1625	≤ 0.05	≤ 0.05
<b>Temp. Dependence -40 to + 70C</b>			
<b>Temp. Humidity Cycle -10 to +85, up to 98% RH</b>			
	@ 1310	≤ 0.05	≤ 0.05
	@ 1550	≤ 0.05	≤ 0.05
	@ 1625	≤ 0.05	≤ 0.05
<b>Dry Heat Soak 85 ± 2 degrees C</b>			
	@ 1310	≤ 0.05	≤ 0.05
	@ 1550	≤ 0.05	≤ 0.05
	@ 1625	≤ 0.05	≤ 0.05
<b>Water Immersion 23 ± 2 degrees C</b>			

	@ 1310	$\leq 0.05$	$\leq 0.05$
	@ 1550	$\leq 0.05$	$\leq 0.05$
	@ 1625	$\leq 0.05$	$\leq 0.05$
<b>Heat Aging 85 ± 2 degrees C</b>			
	@ 1310	$\leq 0.05$	$\leq 0.05$
	@ 1550	$\leq 0.05$	$\leq 0.05$
	@ 1625	$\leq 0.05$	$\leq 0.05$
<b>Damp Heat Soak 85 ± 2 degrees C, 85% RH, 30 days</b>			
	@ 1310	$\leq 0.05$	$\leq 0.05$
	@ 1550	$\leq 0.05$	$\leq 0.05$
	@ 1625	$\leq 0.05$	$\leq 0.05$
<b>DIMENSIONAL</b>			
<b>Standard Length</b>		2.1-50.4km	up to 63.0km
<b>Maximum Length</b>		50.4km	63.0km
<b>Core Diameter (um)</b>		8.2 typical	8.2 typical
<b>Clad Diameter (um)</b>		125.0 ± 0.7	125.0 ± 0.7
<b>Clad Non-Circularity (%)</b>		$\leq 0.5$	$\leq 0.7$
<b>Core-Clad Concentricity Error (um)</b>		$\leq 0.5$	$\leq 0.5$
<b>Numerical Aperture</b>		N/A	0.14
<b>Overall Coating Diameter (um)</b>		245 ± 10	242 ± 5
<b>Coating/Cladding Concentricity (um)</b>		< 12	< 12
<b>Coating Non-Circularity (um)</b>			
<b>Fiber Curl-ROC (m)</b>		$\geq 4.0$	$\geq 4.0$
<b>MECHANICAL</b>			
<b>Proof Test Stress (Newtons)</b>		> 9.0	
<b>Proof Test (kpsi)</b>		100	100
<b>Proof Test (Gpa)</b>		0.69	0.69
<b>Fatigue Resistance (nd)</b>			20
<b>Dynamic Stress Corrosion Suspectibility Parameter</b>		> 20	
<b>PERFORMANCE</b>			

<b>Coating Strip Force (Newtons)</b>		
Dry	3	3
Wet, 14 days room temperature	3	3
Typical	1.5	
<b>Coating Type</b>	N/A	CPC
<b>Other Mechanical Test Results</b>		
<b>Impact</b>		
1m , 500g , 5cycles/point ,5 points		
Attenuation change	< 0.1 dB	
IEC794-1-E4 Attenuation change		
<b>Crush -GYFY</b>		
2200N/10cm for 5minutes		
Attenuation change	< 0.1 dB	
IEC749-1-E3 - Attenuation change		
<b>Crush-GYFS</b>		
3000N/10cm for 5minutes		
Attenuation change	< 0.1 dB	
<b>Tension</b>		
T=2700N for 5minutes , Fiber elongation $\leq 0.33\%$		
Attenuation change	< 0.1 dB	
T=1000N for 5minutes		
Attenuation change	No obvious Fiber elongation & Attenuation change	
IEC749-1-E1 - Attenuation change		
<b>Temperature cycle</b>		
23°C $\Rightarrow$ -40°C $\Rightarrow$ +60°C $\Rightarrow$ -40°C $\Rightarrow$ +60°C		
12h for each point		
Attenuation change	< 0.05 dB	
IEC794-1-E1 Attenuation change		
<b>Repeated bending</b>		
IEC794-1-E6 - Attenuation change		
<b>Water penetration</b>		
3m cable , 1m water and 24h	No water leakage	

THIS CERTIFIES THAT

## Vocom International Telecommunication, Inc.



\* Nationally certified by the: **SOUTHERN CALIFORNIA MINORITY SUPPLIER DEVELOPMENT COUNCIL**

\*NAICS Code(s): 517911; 335921; 517110; 517919

\* Description of their product/services as defined by the North American Industry Classification System (NAICS)

05/01/2017

**Issued Date**

SC08371

**Certificate Number**

A handwritten signature in black ink that reads "Joset Wright-Lacy".

Joset B. Wright-Lacy

A handwritten signature in black ink that reads "Virginia Gomez".

Virginia Gomez, President

05/01/2018

**Expiration Date**

By using your password (NMSDC issued only), authorized users may log into NMSDC Central to view the entire profile: <http://nmsdc.org>

*Certify, Develop, Connect, Advocate.*

\* MBEs certified by an Affiliate of the National Minority Supplier Development Council, Inc.®



**NANJING WASIN FUJIKURA**

**OPTICAL COMMUNICATION LTD.**

## Authorization of Exclusive Right of Distribution

NANJING WASIN FUJIKURA OPTICAL COMMUNICATION LTD. (" NJFF" ), formerly known as NANJING FIBERHOME FUJIKURA OPTICAL COMMUNICATION LTD. do hereby authorize VOCOM INTERNATIONAL TELECOMMUNICATION, INC (" VOCOM" ) as our exclusive agency for selling series of cable products in North America and South America market. Therefore, VOCOM is entitled to receive commercial and technical support from NJFF as well as full access to any necessary technical documentations and samples.

NJFF hereby confirm that we will provide VOCOM our complete support for any projects or business development in North America and South America involving our optic fibers and cables products.

The exclusive distribution right is effective since September 1<sup>st</sup>, 2015 and will be subject to renew after expiration on September 1<sup>st</sup>, 2020.

Authorized Company: (Official seal)

NANJING WASIN FUJIKURA OPTICAL COMMUNICATION LTD.

Legal Representative:  
(Signature or Seal)



Address: 76 Xingang Road, Nanjing Economical Technical Development Zone, Nanjing 210038,  
China

Tel: (025) 85569598

Fax: (025) 85805081

# SPECIFICATION

## Optical Fiber

Prepared by Zhang xin      Approved by Yin peng xiang

Wasin Fujikura® G.652D fiber complies with or exceeds the ITU-T Recommendation G.652D , the IEC60793-2-50 type B1.3 and the TIA-472E000 type IVa Optical Fiber Specification.

<b>B1.3 fiber characteristics</b>		
<b>Optics specifications</b>		
Attenuation	@1310nm	≤0.34dB/km
	@1383nm	≤0.34dB/km
	@1490nm	≤0.24dB/km
	@1550nm	≤0.20dB/km
	@1625nm	≤0.24dB/km
Attenuation Range	1285nm-1330nm	≤0.04dB/km
	1525nm-1575nm	≤0.03dB/km
Attenuation uniformity		≤0.05dB/km
Point discontinuity	at 1310nm	≤0.05dB
	at 1550nm	≤0.05dB
Macrobend loss 16mm Radius,1 turns	at 1550nm	≤0.05dB
Macrobend loss 30mm Radius,100 turns	at 1625nm	≤0.1dB
Rayleigh backscattering coefficients	at 1310nm	-80dB
	at 1550nm	-82dB
Fiber cutoff wavelength $\lambda_c$ (nm)		1150nm≤ $\lambda_c$ ≤1330nm
Cable cutoff wavelength $\lambda_{cc}$ (nm)		≤1260nm
Mode field diameter (MFD) at 1310nm		9.2±0.4μm
Mode field diameter (MFD) at 1550nm		10.4±0.4μm
Dispersion	@1285nm~1340nm	≥-3.5ps/(nm·km) ≤3.5ps/(nm·km)
	@1550nm	≤18ps/(nm·km)
	@1625nm	≤22ps/(nm·km)
	Zero-Dispersion slope	≤0.092ps/(nm <sup>2</sup> ·km)
Zero-Dispersion wavelength		1300nm~1324nm
Effective group index (N <sub>eff</sub> ) @1310nm		1.4675
Effective group index (N <sub>eff</sub> ) @1550nm		1.4681
<b>Geometrical characteristics</b>		
Core Diameter		8.2 μm
Cladding diameter		125±0.7μm
Cladding non-circularity		≤0.5%
Core/cladding concentricity error		≤0.5μm
Overall Coating Diameter		245±10μm
Cladding/coating concentricity error		≤12.0μm
Standard Length		2.1-50.4km
Maximum Length		50.4km
Fiber Curl		> 4.0m
<b>Mechanical characteristics</b>		
Proof Test Stress		> 9.0N
Proof Test		0.69GPa



Proof Test		100kpsi
Dynamic Stress Corrosion Susceptibility Parameter		> 20
Coating Strip Force	Dry	3N
	Wet, 14 days room temperature	3N
	Typical	1.5N
<b>Environmental characteristics (at 1310nm &amp; 1550nm&amp;1625nm)</b>		
Temperature induced attenuation (-60~+85°C)		≤0.05dB/km
Temp. Humidity Cycle (-10 to +85, up to 98% RH)		≤0.05dB/km
Dry heat induced attenuation (85°C ±2°C, 30 days)		≤0.05dB/km
Water immersion induced attenuation (23°C ±2°C, 30 days)		≤0.05dB/km
Heat Aging (85°C ±2°C)		≤0.05dB/km
Damp heat induced attenuation (85°C ±2°C, RH85%, 30 days)		≤0.05dB/km

# SPECIFICATION

## Optical Fiber Cable GYFS

### Gel-Free, Single-Jacket, Single-Armored Cables, 2-432 Fibers

Prepared by Zhang Xin      Approved by Yin Pengxiang

**Wasin Fujikura® G.652D fiber complies with or exceeds the ITU-T Recommendation G.652D, the IEC60793-2-50 type B1.3 and the TIA-472E000 type IVa Optical Fiber Specification.**

## **1. Product description**

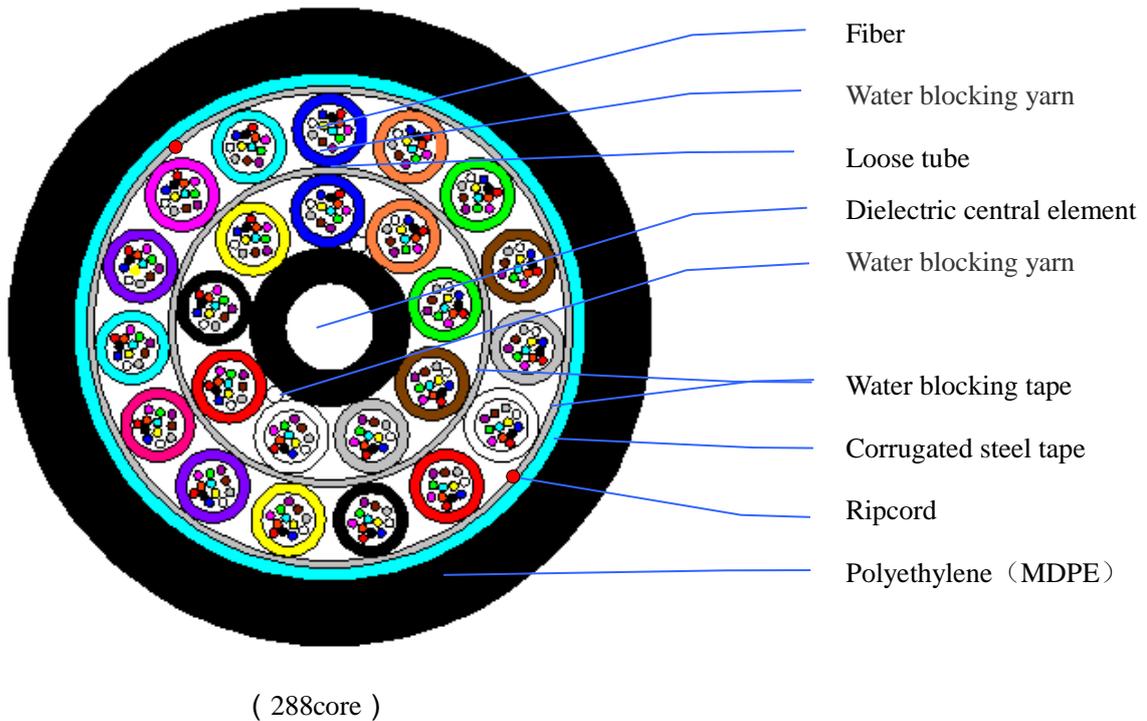
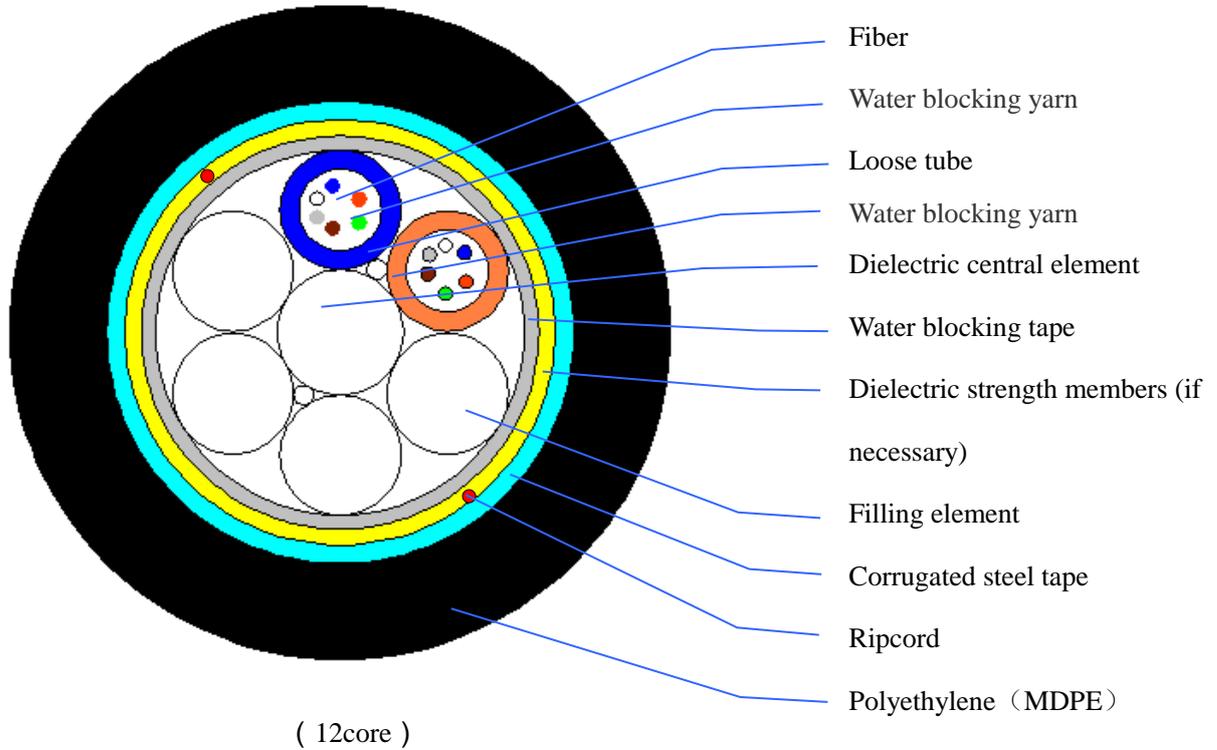
GYFS is gel-free, single-jacket, single-armored cable for direct burial, duct and aerial. GYFS is from 2-count to 432-count suitable for a variety of system configurations. The loose tube is freeing the fiber from environmental hazards to ensure a high transmission reliability and quality. Gel-free indicates there are water-blocking yarns in the loose tubes and water-blocking tape under the armored layer, meaning no mess or cleanup. The structure of cable is additionally reinforced with the single armor: corrugated steel tape, which has extra protection against crush and rodent. GYFS is easy to strip with two ripcords under the armored layer. The jacket is rugged and durable medium density polyethylene.

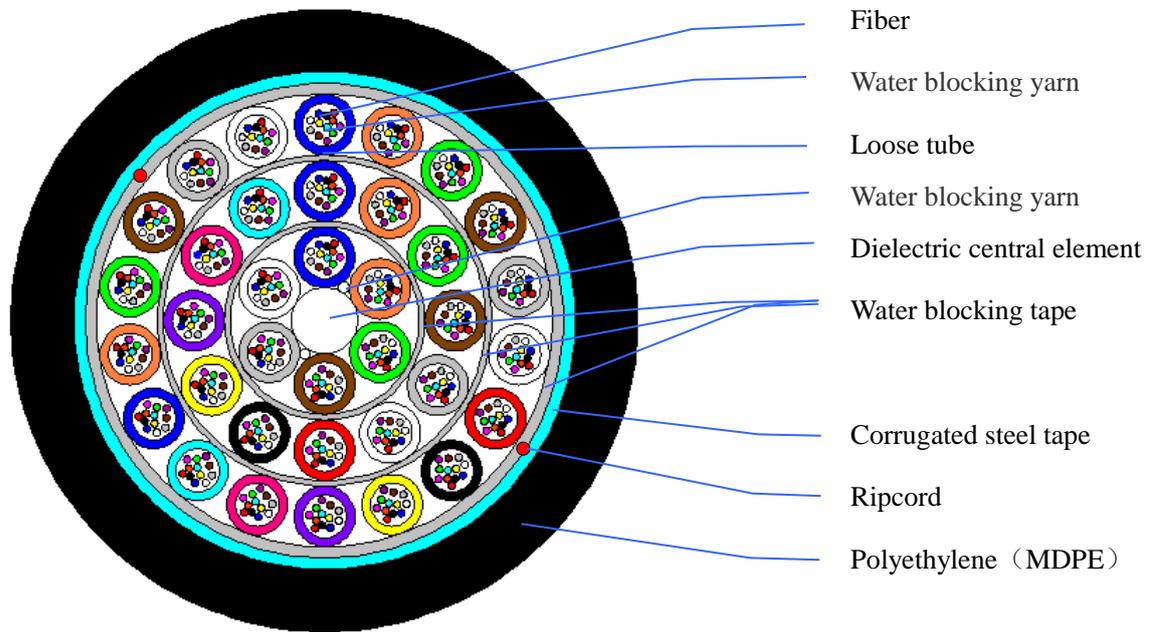
## **2. Features and Benefits**

- 2.1 High transmission reliability and quality
- 2.2 Gel-free: no mess or cleanup
- 2.3 Single armored: extra protection against crush and rodent
- 2.4 Ripcords: easy to strip; cause no unevenness of the jacket
- 2.5 Medium density polyethylene jacket: rugged and durable

### 3 Optical Fiber Cable

#### 3.1 Cross section





( 432core )

### 3.2 Dimension of the cable

Fiber Count	Product Type	Maximum number of fibers per tube	Number of Tube Positions	Number of Active Tubes	Diameter (Approx.)	Weight (Approx.)
					mm	Kg/km
2-72	Armored	12	6	1-6	12.0	140
74-96	Armored	12	8	7-8	13.5	175
98-120	Armored	12	10	9-10	14.5	209
122-144	Armored	12	12	11-12	16.6	260
146-216	Armored	12	18	13-18	17.0	262
218-288	Armored	12	24	19-24	19.1	334
432	Armored	12	36	30-36	22.0	419

### 3.3 Tensile strength

	Short-term load	Long-term load
GYFS	2700N	890N

### 3.4 Standards

Design and Test Criteria	ANSI/ICEA S-87-640	Telcordia GR-20
--------------------------	--------------------	-----------------

### 3.5 Minimum bend radius

	Installation	Operation
GYFS	20D	10D

\*D = Cable diameter

### 3.6 Temperature range

	Storage	Installation	Operation
GYFS(2core to 288core)	-40 °C to 70 °C	-30 °C to 70 °C	-40 °C to 70 °C
GYFS(432core)	-20 °C to 70 °C	-10 °C to 70 °C	-20 °C to 70 °C

### 3.7 Optical Characteristics

Item		Performance	
Fiber Category		G.652D	
Attenuation	Maximum attenuation (cabled)	At 1310nm	≤0.36dB/km
		At 1550nm	≤0.25dB/km
	Typical attenuation (bare fiber)	At 1310nm	≤0.34dB/km
		At 1550nm	≤0.20dB/km

\* For more information on typical attenuation please see the optical fiber specifications

### 3.8 Color Coding of Loose Tubes and Fibers

Fiber color code

Position	Fiber Color
1	Blue
2	Orange
3	Green
4	Brown
5	Grey
6	White
7	Red
8	Black
9	Yellow
10	Violet
11	Pink
12	Aqua



Color codes for Loose Tube

2-144core	1	2	3	4	5	6	7	8	9	10	11	12
Layer 1	Blue	Orange	Green	Brown	Gray	White	Red	Black	Yellow	Violet	Pink	Aqua

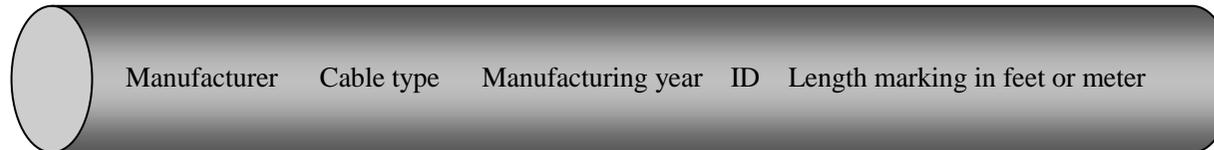
146-216 core	1	2	3	4	5	6						
Layer 1	Blue	Orange	Green	Brown	Gray	White						
Layer 2	7	8	9	10	11	12	13	14	15	16	17	18
	Red	Black	Yellow	Violet	Pink	Aqua	Blue with black tracer	Orange with black tracer	Green with black tracer	Brown with black tracer	Gray with black tracer	White with black tracer

218-288core	1	2	3	4	5	6	7	8	9
Layer 1	Blue	Orange	Green	Brown	Gray	White	Red	Black	Yellow
Layer 2	10	11	12	13	14	15	16	17	18
	Violet	Pink	Aqua	Blue with black tracer	Orange with black tracer	Green with black tracer	Brown with black tracer	Gray with black tracer	White with black tracer
	19	20	21	22	23	24			
	Red with black tracer	Black with white tracer	Yellow with black tracer	Violet with black tracer	Pink with black tracer	Aqua with black tracer			



432core	1	2	3	4	5	6						
Layer 1	Blue	Orange	Green	Brown	Gray	White						
Layer 2	7	8	9	10	11	12	13	14	15	16	17	18
	Red	Black	Yellow	Violet	Pink	Aqua	Blue with black tracer	Orange with black tracer	Green with black tracer	Brown with black tracer	Gray with black tracer	White with black tracer
Layer 3	19	20	21	22	23	24	25	26	27	28	29	30
	Red with black tracer	Black with white tracer	Yellow with black tracer	Violet with black tracer	Pink with black tracer	Aqua with black tracer	Blue with double black tracer	Orange with double black tracer	Green with double black tracer	Brown with double black tracer	Gray with double black tracer	White with double black tracer
	31	32	33	34	35	36						
	Red with double black tracer	Black with double white tracer	Yellow with double black tracer	Violet with double black tracer	Pink with double black tracer	Aqua with double black tracer						

**4. Sheath marking**



SPEC.No: 2017072421

21700 E. Copley Dr. Suite 268, Diamond Bar, CA 91765 | (213) 627-8999 | vocomfiber@vocom.com | www.vocom.com

**GOAL DETERMINATION REQUEST FORM**

<b>Buyer Name/Phone</b>	Erika Larsen/512-974-3127	<b>PM Name/Phone</b>	Ramona Aguilar/(512) 974-7050
<b>Sponsor/User Dept.</b>	Transportation	<b>Sponsor Name/Phone</b>	Name/Phone
<b>Solicitation No</b>	ELL0052	<b>Project Name</b>	Fiber optic cable
<b>Contract Amount</b>	\$225,000	<b>Ad Date (if applicable)</b>	Advertisement Date
<b>Procurement Type</b>			
<input type="checkbox"/> AD – CSP <input type="checkbox"/> AD – CM@R <input type="checkbox"/> AD – Design Build <input type="checkbox"/> AD – Design Build Op Maint <input type="checkbox"/> AD – JOC <input type="checkbox"/> IFB – Construction <input type="checkbox"/> IFB – IDIQ <input type="checkbox"/> PS – Project Specific <input type="checkbox"/> PS – Rotation List <input type="checkbox"/> Nonprofessional Services <input checked="" type="checkbox"/> Commodities/Goods <input type="checkbox"/> Cooperative Agreement <input type="checkbox"/> Critical Business Need <input type="checkbox"/> Interlocal Agreement <input type="checkbox"/> Ratification <input type="checkbox"/> Sole Source*			
<b>Provide Project Description**</b>			
fiber optic cable will be used to expand and repair the City of Austin Traffic Management Communication System			
<b>Project History: Was a solicitation previously issued; if so were goals established? Were subcontractors/subconsultants utilized? Include prior Solicitation No.</b>			
MA GA130000092 - no goals were assigned .			
<b>List the scopes of work (commodity codes) for this project. (Attach commodity breakdown by percentage; eCAPRIS printout acceptable)</b>			
7252330, 72523300001			
Erika Larsen		8/1/2017	
<b>Buyer Confirmation</b>		<b>Date</b>	

\* Sole Source must include Certificate of Exemption

\*\*Project Description not required for Sole Source

<b>FOR SMBR USE ONLY</b>			
<b>Date Received</b>	8/1/2017	<b>Date Assigned to BDC</b>	8/1/2017
<b>In accordance with Chapter2-9(A-D)-19 of the Austin City Code, SMBR makes the following determination:</b>			
<input type="checkbox"/> Goals	% MBE	% WBE	
<input type="checkbox"/> Subgoals	% African American	% Hispanic	
	% Asian/Native American	% WBE	
<input type="checkbox"/> Exempt from MBE/WBE Procurement Program		<input checked="" type="checkbox"/> No Goals	

**GOAL DETERMINATION REQUEST FORM**

**This determination is based upon the following:**

- |  |   |
|--|---|
| <input type="checkbox"/> Insufficient availability of M/WBEs       | <input type="checkbox"/> No availability of M/WBEs                  |
| <input type="checkbox"/> Insufficient subcontracting opportunities | <input checked="" type="checkbox"/> No subcontracting opportunities |
| <input type="checkbox"/> Sufficient availability of M/WBEs         | <input type="checkbox"/> Sufficient subcontracting opportunities    |
| <input type="checkbox"/> Sole Source                               | <input type="checkbox"/> Other                                      |

*If Other was selected, provide reasoning:*

**MBE/WBE/DBE Availability**

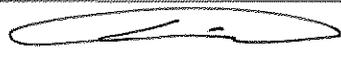
There is no availability.

**Subcontracting Opportunities Identified**

There were no subcontracting opportunities identified.

Cassidy Villegan

**SMBR Staff**



**Signature/ Date**

8-2-17

**SMBR Director or Designee**



**Date**

8-3-17

**Returned to/ Date:**